



**bio•novum**

**PRODUCT  
CATALOGUE  
2024**

[www.bio-novum.com](http://www.bio-novum.com)

# ABOUT

**Bio-Novum Ltd.** is a professional company acting in fields of IVD medical diagnostic and biotechnology.

Company is specialising in **production and supplies** of the highest quality products and services for human laboratories as well as scientific and research institutions. The major fields of the activity of Bio-Novum are:

- human diagnostics,
- biotechnology,
- microbiology.

The best support for customers is guaranteed by long time experience of the founders of company as well as by very professional and competent team, able to fulfil the highest market requirements. The mission of the company is **high quality customer service and customer satisfaction**. The basis of cooperation with clients is openness and flexibility, supported by the knowledge and competence of our employees.



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# RAPID TESTS

**Rapid immunochromatographic tests** are an important element of modern laboratory diagnostics, allowing to confirm the occurrence of specific diseases or infections, to identify the products of human metabolism or to detect the presence of specific substances.

From the medical point of view, they are very important at the initial stage of patient's health assessment process, as well as in screening tests, allowing, due to their relatively low cost, to include a large population group in the research process.

**Bio-Novum** offers a wide range of rapid diagnostic tests covering the following groups of tests:

- Infectious diseases
- Drugs of abuse
- Cardiac markers
- Inflammatory and tumor markers
- Pregnancy tests
- Tropical diseases.

| Cat. No.                                   | Name   | Specimen                           | Test Amount |
|--|--|------------------------------------|-------------|
| <b>INFECTIOUS DISEASES</b>                 |  |                                    |             |
| BN118-010                                  | BN Clostridium difficile GDH Rapid Test  | Feces                              | 10          |
| BN106-010                                  | BN Clostridium difficile Toxin A+Toxin B+GDH Rapid Test  | Feces                              | 10          |
| BN109-010                                  | BN Giardia Lambliia Rapid Test   | Feces                              | 10          |
| BN134-025                                  | BN H. pylori Ab Rapid Test   | Whole Blood/Serum/Plasma           | 25          |
| BN105-025                                  | BN H. pylori Antigen Rapid Test  | Feces                              | 25          |
| BN103-020                                  | BN Influenza A+B Rapid Test  | Swab/ Nasal Aspirate               | 20          |
| BN114-025                                  | BN MONO Rapid Test   | Whole Blood/Serum/Plasma           | 25          |
| BN107-010                                  | BN Norovirus Rapid Test  | Feces                              | 10          |
| BN111-025                                  | BN Rotavirus / Adenovirus Rapid Test   | Feces                              | 25          |
| BN112-010                                  | BN Rotavirus / Adenovirus/Norovirus Rapid Test   | Feces                              | 10          |
| BN113-020                                  | BN RSV Rapid Test  | Nasopharyngeal swab/Nasal Aspirate | 20          |
| BN101-020                                  | BN SARS CoV 2 Ag Rapid Test  | Swab                               | 20          |
| BN102-025                                  | BN SARS CoV 2 IgG/IgM Rapid Test   | Whole Blood/Serum/Plasma           | 25          |
| BN117-020                                  | BN Strep A Rapid Test  | Throat Swab                        | 20          |
| BN115-020                                  | BN Strep B Rapid Test  | Swab                               | 20          |
| BN104-025                                  | BN Syphilis Rapid Test   | Whole Blood/Serum/Plasma           | 25          |
| <b>TROPICAL DISEASES</b>                   |  |                                    |             |
| BN120-025                                  | BN Chagas PLUS Rapid Test  | Whole Blood/Serum/Plasma           | 25          |
| BN121-025                                  | BN Chagas Rapid Test   | Serum/Plasma                       | 25          |
| BN124-025                                  | BN Chikungunya IgG/IgM Rapid Test  | Whole Blood/Serum/Plasma           | 25          |
| BN123-025                                  | BN Dengue Combo Rapid Test   | Whole Blood/Serum/Plasma           | 25          |
| BN130-020                                  | BN Dengue NS1 Rapid Test   | Whole Blood/Serum/Plasma           | 20          |
| BN122-020                                  | BN Dengue Rapid Test   | Whole Blood/Serum/Plasma           | 20          |
| BN116-025                                  | BN Malaria P.f/P.v/Pan Rapid Test  | Whole Blood                        | 25          |
| BN132-020                                  | BN Zika IgG/IgM and NS1 Combo Rapid Test   | Whole Blood/Serum/Plasma           | 20          |
| BN125-020                                  | BN Zika IgG/IgM Rapid Test   | Whole Blood/Serum/Plasma           | 20          |
| BN133-020                                  | BN Zika NS1 Rapid Test   | Whole Blood/Serum/Plasma           | 20          |
| <b>OTHERS PARAMETERS</b>                   |  |                                    |             |
| BN110-010                                  | BN Calprotectin Rapid Test   | Feces                              | 10          |
| BN135-020                                  | BN C-reactive protein Semi-Quantitative Rapid Test   | Whole Blood/Serum/Plasma           | 20          |
| BN136-020                                  | BN cTnI Rapid Test   | Whole Blood/Serum/Plasma           | 20          |
| BN108-025                                  | BN FOB Rapid Test  | Feces                              | 25          |
| BN119-025                                  | BN Pregnancy HCG Rapid Test  | Serum/Plasma/Urine                 | 25          |
| <b>DRUG OF ABUSE - SINGLE TESTS</b>        |  |                                    |             |
| BN137-025                                  | BN Amphetamine (AMP) Rapid Test  | Urine                              | 25          |
| BN138-025                                  | BN Barbiturate (BAR) Rapid Test  | Urine                              | 25          |
| BN139-025                                  | BN Benzodiazepines (BZO) Rapid Test  | Urine                              | 25          |
| BN140-025                                  | BN Buprenorphine (BUP) Rapid Test  | Urine                              | 25          |
| BN141-025                                  | BN COCAINE (COC) Rapid Test  | Urine                              | 25          |
| BN142-025                                  | BN Ecstasy (MDMA) Rapid Test   | Urine                              | 25          |
| BN143-025                                  | BN Fentanyl (FYL) Rapid Test   | Urine                              | 25          |
| BN-144-025                                 | BN Marijuana (THC) Rapid Test  | Urine                              | 25          |
| BN145-025                                  | BN Mephedrone (MEP) Rapid Test   | Urine                              | 25          |
| BN146-025                                  | BN Methadone (MTD) Rapid Test  | Urine                              | 25          |
| BN147-025                                  | BN Methamphetamine (MET) Rapid Test  | Urine                              | 25          |
| BN148-025                                  | BN Morphine (MOP) Rapid Test   | Urine                              | 25          |
| BN149-025                                  | BN Phencyclidine (PCP) Rapid Test  | Urine                              | 25          |
| BN150-025                                  | BN Synthetic Marijuana (K2) Rapid Test   | Urine                              | 25          |
| BN151-025                                  | BN Tramadol (TML) Rapid Test   | Urine                              | 25          |
| BN152-025                                  | BN Tricyclic Antidepressants (TCA) Rapid Test  | Urine                              | 25          |
| <b>DRUG OF ABUSE MULTIPARAMETERS TESTS</b> |  |                                    |             |
| BN153-025                                  | BN Multi-Drug 5 Drugs Rapid Test Panel MOP300/COC300/BZO300/AMP500/THC50                                       | Urine                              | 25          |
| BN154-025                                  | BN Multi-Drug 10 Drugs Rapid Test Panel MOP300/MDMA500/COC300/MTD300/BAR300/BZO300/MET500/TCA1000/THC50/AMP500 | Urine                              | 25          |
| BN155-025                                  | BN Multi-Drug 6 Drugs Rapid Test Panel OXY100/MDPV1000/K2-50/LSD20/MEP100/CAT150                               | Urine                              | 25          |
| BN156-025                                  | BN Multi-Drug 6 Drugs Rapid Test OPI40/COC20/AMP50/MET50/BZO20/THC20 Oral Fluids                               | Oral Fluid                         | 25          |

# INFECTIOUS DISEASES

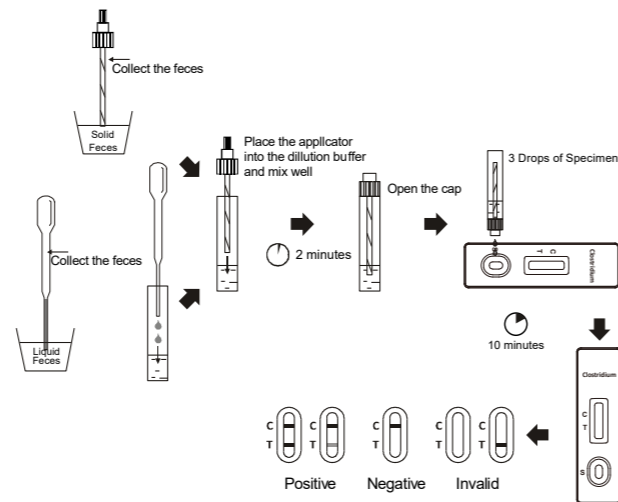
## BN Clostridium difficile GDH Rapid Test

BN118-010

BN Clostridium difficile GDH Rapid Test is a rapid chromatographic immunoassay for the qualitative detection of Clostridium difficile GDH antigen in the human feces specimen.

|                      |       |
|----------------------|-------|
| Relative Sensitivity | 98.7% |
| Relative Specificity | 98.3% |
| Relative Accuracy    | 98.5% |

The concentration of protein detected is 1ng/mL



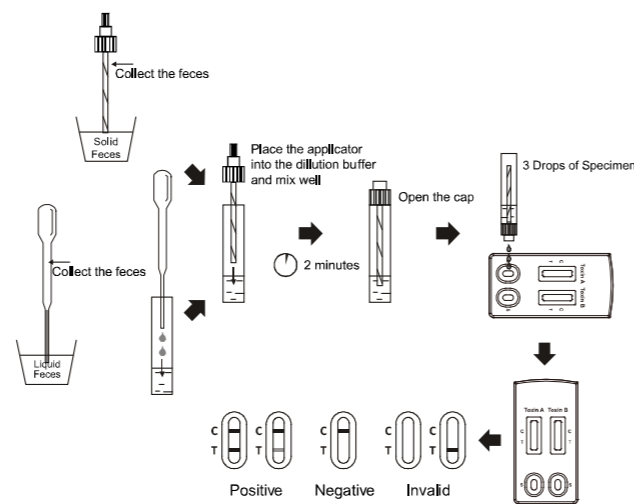
## BN Clostridium difficile Toxin A+Toxin B+GDH Rapid Test

REF BN106-010

BN Clostridium difficile Toxin A+Toxin B+GDH Rapid Test is a rapid chromatographic immunoassay for the qualitative detection of Clostridium difficile Toxin A and Toxin B antigens in the human feces specimen.

|                      |       |
|----------------------|-------|
| Relative Sensitivity | 98.2% |
| Relative Specificity | 98.6% |
| Relative Accuracy    | 98.5% |

Detection limit - 2ng/ml for Toxin A and 1ng/ml for Toxin B.

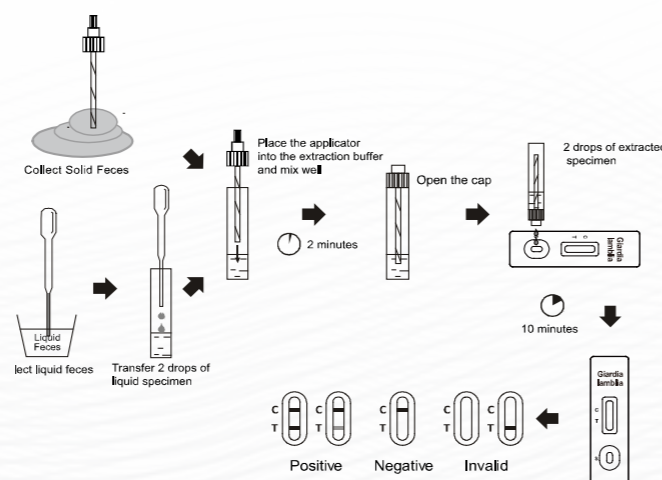


## BN Giardia lamblia Rapid Test

BN109-010

BN Giardia lamblia Rapid Test is a rapid chromatographic immunoassay for the qualitative detection of Giardia Lamblia antigen in human feces specimen.

|                      |       |
|----------------------|-------|
| Relative Sensitivity | 95.1% |
| Relative Specificity | 97.7% |
| Accuracy             | 97.1% |

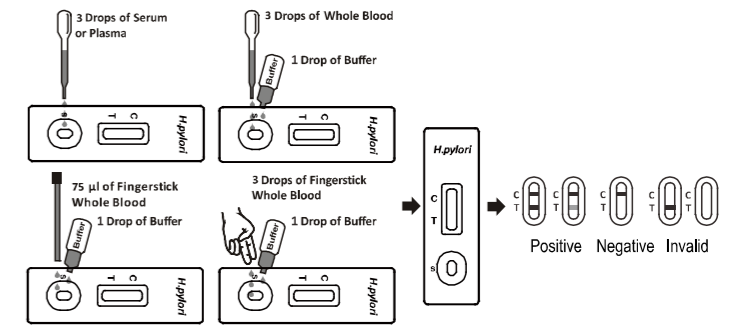


## BN H. pylori Ab Rapid Test

BN134-025

BN H. pylori Ab Rapid Test is a rapid chromatographic immunoassay for the qualitative detection of antibodies to H. pylori in whole blood, serum, or plasma to aid in the diagnosis of H. pylori infection.

|                      |       |
|----------------------|-------|
| Relative Sensitivity | 96.8% |
| Relative Specificity | 93.0% |
| Relative Accuracy    | 94.6% |

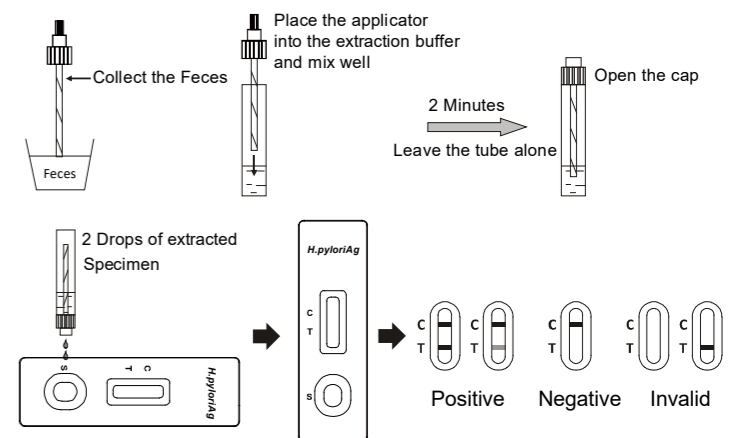


## BN H. pylori Antigen Rapid Test

BN105-025

BN H. pylori Antigen Rapid Test is a rapid chromatographic immunoassay for the qualitative detection of H. pylori antigens in human feces specimens to aid in the diagnosis of H. pylori infection.

|                      |       |
|----------------------|-------|
| Relative Sensitivity | 98.8% |
| Relative Specificity | 98.4% |
| Relative Accuracy    | 98.6% |

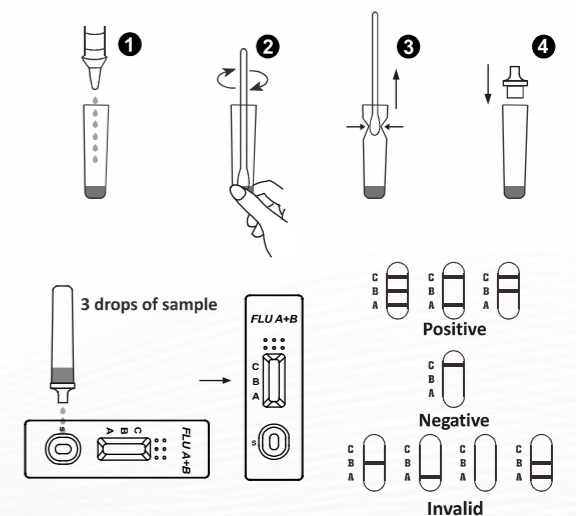


## BN Influenza A+B Rapid Test

BN103-020

BN Influenza A+B Rapid Test is a rapid chromatographic immunoassay for the qualitative detection of influenza A and B antigens in nasopharyngeal swab, throat swab or nasal aspirate specimens. It is intended to aid in the rapid differential diagnosis of influenza A and B viral infections.

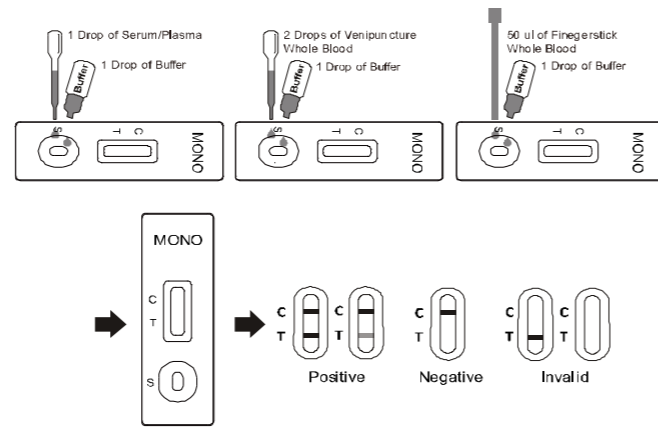
BN Influenza A+B Rapid Test has been compared with a leading commercial RT-PCR test. The correlation between these two systems is over 97%.



### BN MONO Rapid Test

BN114-025

BN MONO Rapid Test is a rapid chromatographic immunoassay for the qualitative detection of Infectious Mononucleosis heterophile antibodies in whole blood, serum or plasma as an aid in the diagnosis of Infectious Mononucleosis.

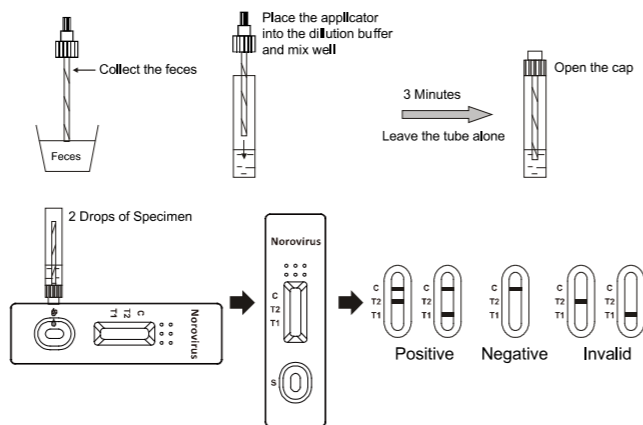


|                      |       |
|----------------------|-------|
| Relative Sensitivity | 97.6% |
| Relative Specificity | 97.8% |
| Overall Accuracy     | 97.7% |

### BN Norovirus Rapid Test

BN107-010

BN Norovirus Rapid Test is a rapid chromatographic immunoassay for the qualitative detection of Norovirus in human feces specimens to aid in the diagnosis of Norovirus infection.

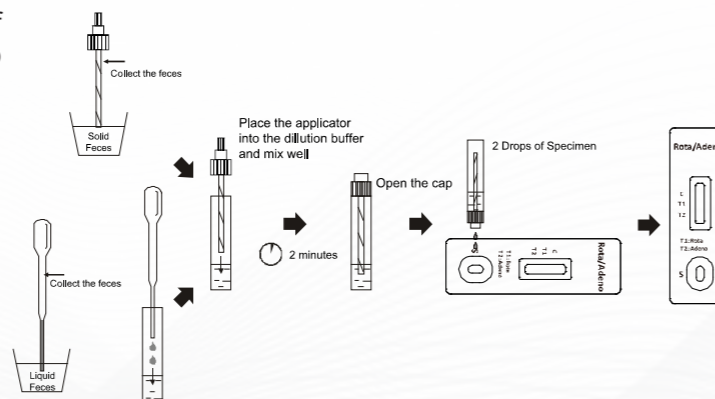


|                      |        |
|----------------------|--------|
| Relative Sensitivity | 95.65% |
| Relative Specificity | 91.67% |
| Relative Accuracy    | 94.29% |

### BN Rotavirus/Adenovirus Rapid Test

BN111-025

BN Rotavirus/Adenovirus Rapid Test is a rapid chromatographic immunoassay for the qualitative detection of rotavirus and adenovirus in human feces specimens to aid in the diagnosis of rotavirus or adenovirus infection.



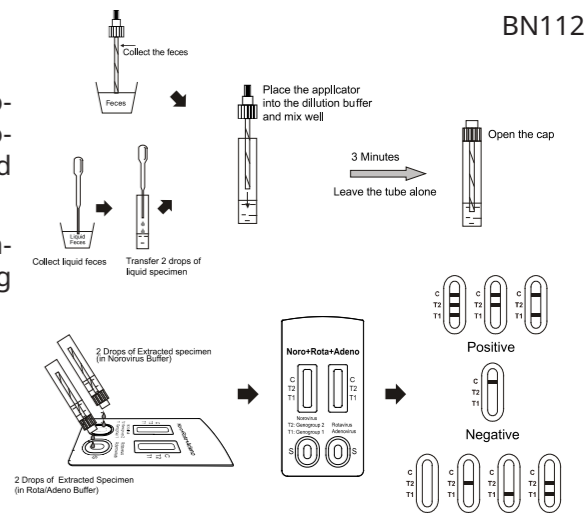
|                      |       |
|----------------------|-------|
| Relative Sensitivity | 97.8% |
| Relative Specificity | 99%   |
| Accuracy             | 98.5% |

### BN Rotavirus/Adenovirus/Norovirus Rapid Test

BN112-010

BN Rotavirus/Adenovirus/Norovirus Rapid Test is a rapid chromatographic immunoassay for the qualitative detection of norovirus, rotavirus and adenovirus in human feces specimens to aid in the diagnosis of norovirus, rotavirus or adenovirus infection.

BN Rotavirus/Adenovirus/Norovirus Rapid Test has been compared with RT-PCR latex agglutination method, demonstrating an overall accuracy over 94.0%.

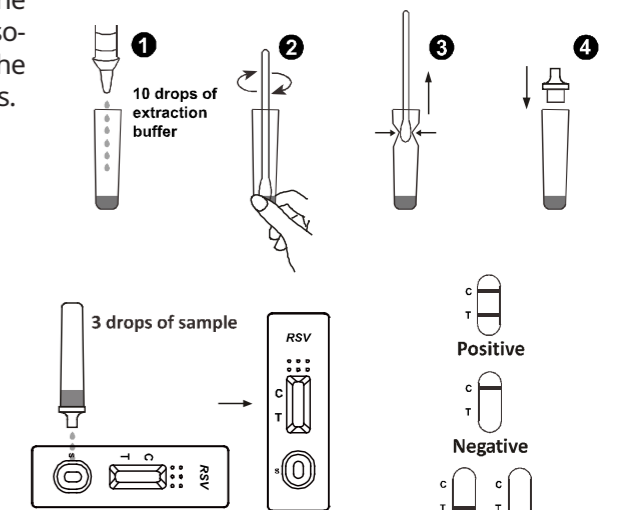


### BN RSV Rapid Test

BN113-020

BN RSV Rapid Test is a rapid chromatographic immunoassay for the qualitative detection of Respiratory Syncytial Virus antigen in Nasopharyngeal swab or nasal aspirate specimens. It is intended to aid in the rapid differential diagnosis of respiratory syncytial virus viral infections.

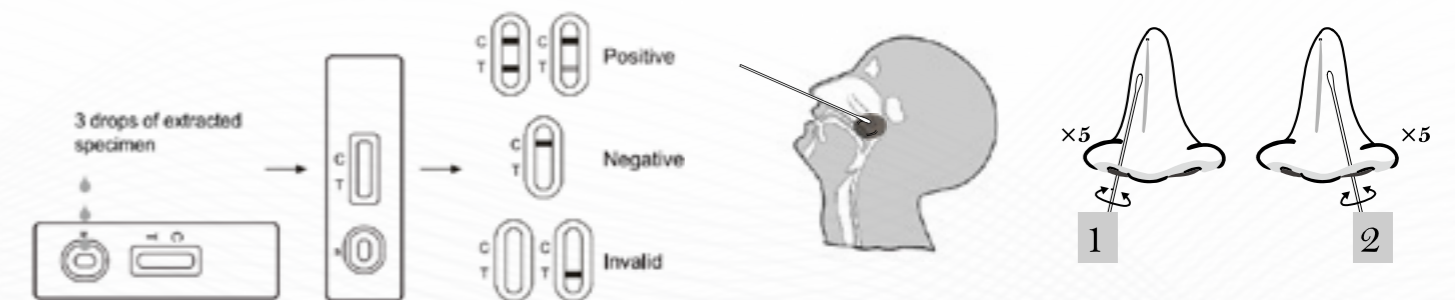
|                      | Nasopharyngeal swab Specimen | Nasal Aspirate Specimen |
|----------------------|------------------------------|-------------------------|
| Relative Sensitivity | 92.7%                        | 92.6%                   |
| Relative Specificity | 98.0%                        | 98.5%                   |
| Accuracy             | 95.6%                        | 96.0%                   |



### BN SARS CoV 2 Ag Rapid Test

BN101-020

BN SARS CoV 2 Ag Rapid Test is a rapid chromatographic immunoassay for the qualitative detection of SARS-CoV-2 Nucleocapsid Protein antigens in swab specimens from individuals with suspected SARS-CoV-2 infection in conjunction with clinical presentation and the results of other laboratory tests.



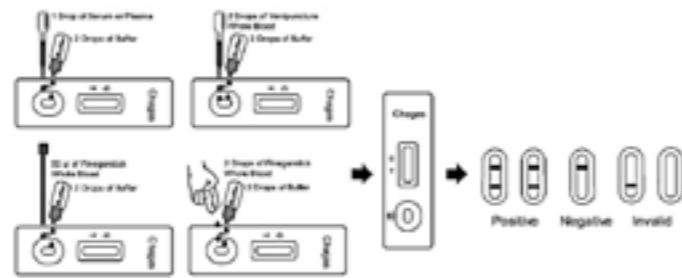
BN SARS CoV 2 Ag Rapid Test can detect out SARS-CoV-2 as low as 100TCID50/ml.

### BN SARS CoV 2 IgG/IgM Rapid Test

BN102-025

BN SARS CoV 2 IgG/IgM Rapid Test is a lateral flow chromatographic immunoassay for the qualitative detection of IgG and IgM antibodies to 2019-nCoV in human whole blood, serum or plasma specimen.

|                      | IgG   | IgM   |
|----------------------|-------|-------|
| Relative Sensitivity | 100%  | 85%   |
| Relative Specificity | 98%   | 96%   |
| Accuracy             | 98.6% | 92.9% |

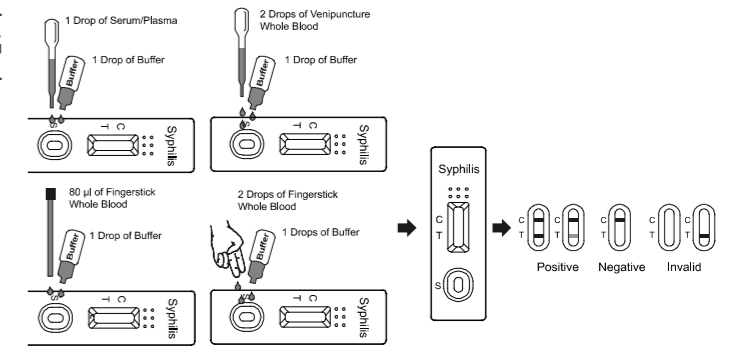


### BN Syphilis Rapid Test

BN104-025

BN Syphilis Rapid Test is a rapid chromatographic immunoassay for the qualitative detection of antibodies (IgG and IgM) to Treponema Pallidum (TP) in whole blood, serum or plasma to aid in the diagnosis of Syphilis.

|                      |        |
|----------------------|--------|
| Relative Sensitivity | >99.9% |
| Relative Specificity | 99.7%  |
| Accuracy             | 99.8%  |

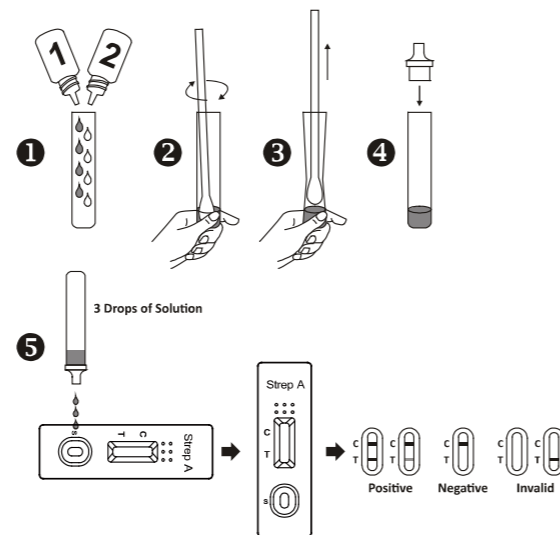


### BN Strep A

BN 117-020

BN Strep A Rapid Test is a rapid chromatographic immunoassay for the qualitative detection of Strep A antigens from throat swab specimens to aid in the diagnosis of Group A Streptococcal infection.

|                      |       |
|----------------------|-------|
| Relative Sensitivity | 95.1% |
| Relative Specificity | 97.8% |
| Accuracy             | 97.1% |



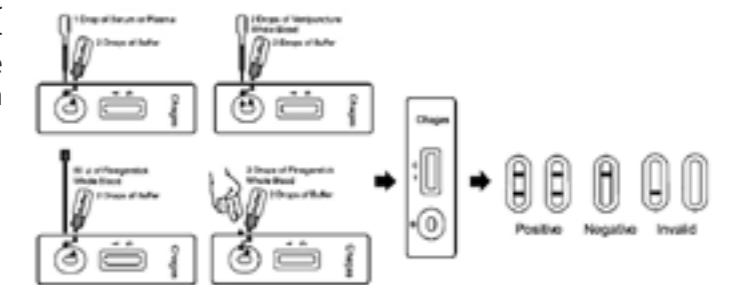
## TROPICAL DISEASES

### BN Chagas PLUS Rapid Test

BN120-025

BN Chagas PLUS Rapid Test is a lateral flow chromatographic immunoassay for the qualitative detection of IgG anti-Trypanosoma cruzi (T. cruzi) in human serum, plasma or whole blood. It is intended to be used as a screening test and as an aid in the diagnosis of infection with T. cruzi.

|                      |       |
|----------------------|-------|
| Relative Sensitivity | 92.9% |
| Relative Specificity | 98.4% |
| Accuracy             | 98.1% |

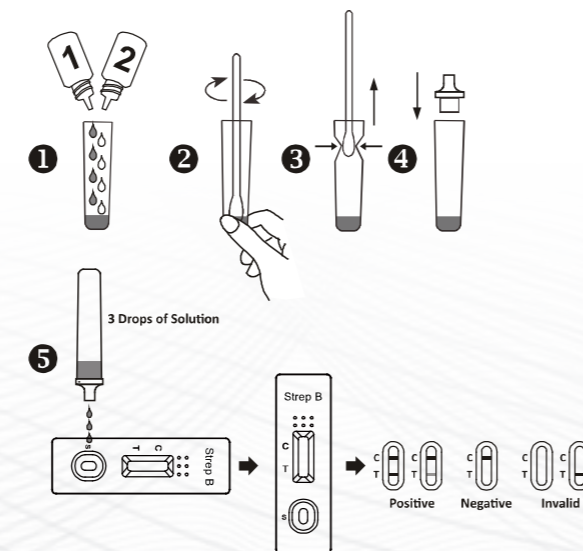


### BN Strep B Rapid Test

BN115-020

BN Strep B Rapid Test is a rapid visual immunoassay for the qualitative, presumptive detection of Group B Streptococcus (GBS) antigens in specimens taken from vaginal or rectal swabs of pregnant women, or general swabs from newborn. This kit is intended for use as an aid in the diagnosis of Strep B infection.

|                      |       |
|----------------------|-------|
| Relative Sensitivity | 95.2% |
| Relative Specificity | 97.8% |
| Accuracy             | 97.2% |

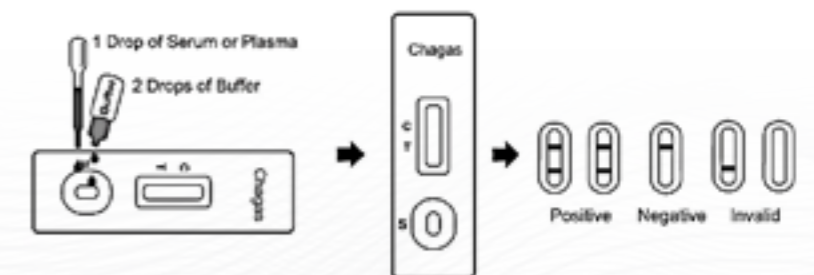


### BN Chagas Rapid Test

BN121-025

BN Chagas Rapid Test is a lateral flow chromatographic immunoassay for the qualitative detection of IgG anti-Trypanosoma cruzi (T. cruzi) in human serum or plasma. It is intended to be used as a screening test and as an aid in the diagnosis of infection with T. cruzi

|                      |       |
|----------------------|-------|
| Relative Sensitivity | 92.9% |
| Relative Specificity | 99.0% |
| Accuracy             | 98.6% |

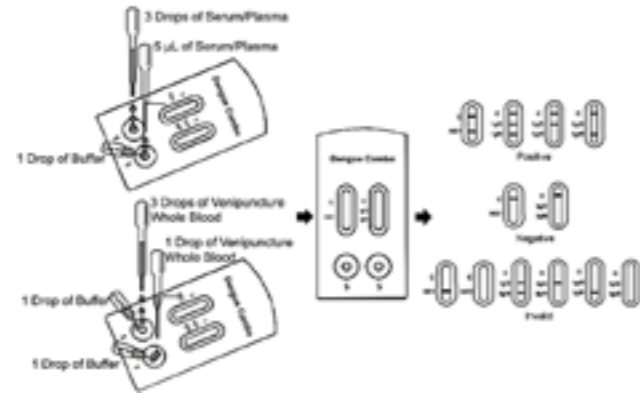


### BN Dengue Combo Rapid Test

BN123-025

BN Dengue Combo Test is a rapid chromatographic immunoassay for the qualitative detection of NS1 antigen and IgG and IgM antibodies of Dengue virus in human whole blood, serum, or plasma as an aid in the diagnosis of Dengue infections.

|                      | Dengue IgG/IgM | Dengue NS1 |
|----------------------|----------------|------------|
| Relative Sensitivity | 94.3%          | 95.8%      |
| Relative Specificity | 99.1%          | 96.1%      |
| Accuracy             | 98.3%          | 96.0%      |

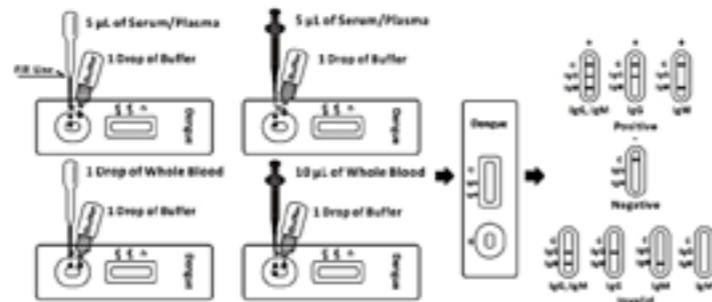


### BN Dengue Rapid Test

BN122-020

BN Dengue Rapid Test is a rapid chromatographic immunoassay for the qualitative detection of IgG and IgM antibodies to Dengue virus in human whole blood, serum, or plasma as an aid in the diagnosis of primary and secondary Dengue infections.

|                      |       |
|----------------------|-------|
| Relative Sensitivity | 94.3% |
| Relative Specificity | 99.1% |
| Accuracy             | 98.3% |

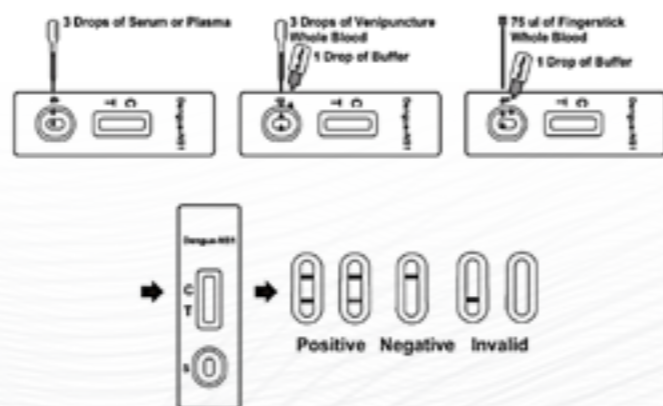


### BN Dengue NS1 Rapid Test

BN130-020

BN Dengue NS1 Rapid Test is a rapid chromatographic immunoassay for the qualitative detection of NS1 antigen of Dengue virus in human whole blood, serum, or plasma as an aid in the diagnosis of Dengue infections.

|                      |       |
|----------------------|-------|
| Relative Sensitivity | 95.8% |
| Relative Specificity | 96.1% |
| Accuracy             | 96.0% |

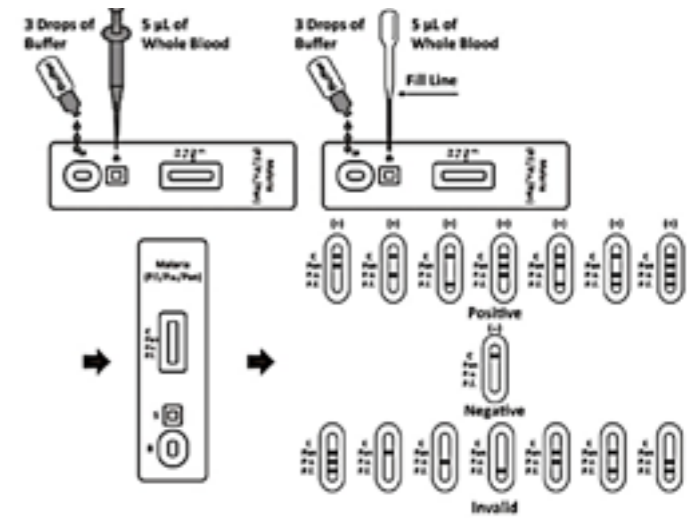


### BN Malaria P.f/P.v/Pan Rapid Test

BN116-025

BN Malaria P.f/P.v/Pan Rapid Test is a rapid chromatographic immunoassay for the qualitative detection of four kinds of circulating Plasmodium falciparum (P.f.), P. vivax (P.v.), P. ovale (P.o.), and P. malariae (P.m.) in whole blood.

|                      |       |
|----------------------|-------|
| Relative Sensitivity | 98.7% |
| Relative Specificity | 99.3% |
| Accuracy             | 99.1% |

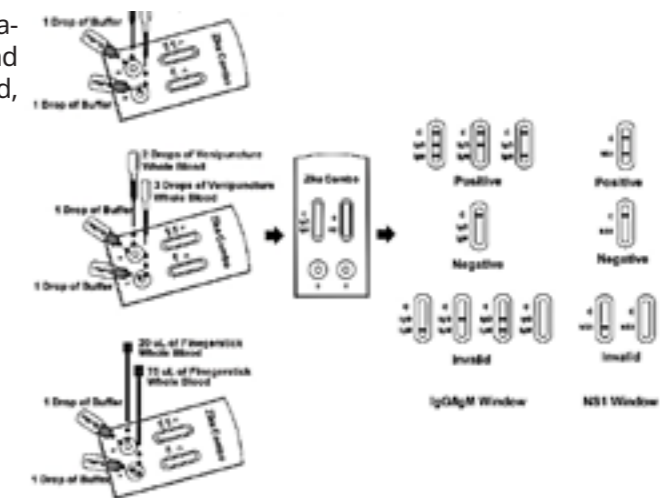


### BN Zika IgG/IgM and NS1 Combo Rapid Test

BN132-020

BN Zika IgG/IgM and NS1 Combo Rapid Test is a rapid chromatographic immunoassay for the qualitative detection of IgG and IgM antibodies, NS1 antigen to Zika Virus in human whole blood, serum or plasma as an aid in the diagnosis of Zika infections.

|                      | IgG    | IgM    | NS1   |
|----------------------|--------|--------|-------|
| Relative Sensitivity | >99.9% | 94.4%  | 80.0% |
| Relative Specificity | 98.9%  | >99.9% | 94.0% |
| Accuracy             | 99.1%  | 99.1%  | 91.7% |

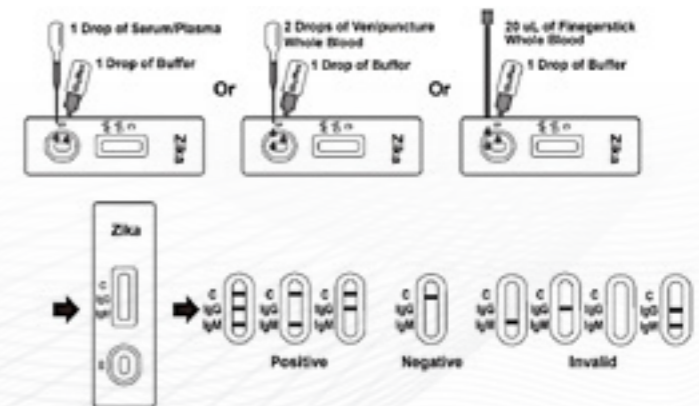


### BN Zika IgG/IgM Rapid Test

BN125-020

BN Zika IgG/IgM Rapid Test is a lateral flow chromatographic immunoassay for the qualitative detection of IgG and IgM antibodies to Zika Virus in human whole blood, serum or plasma specimen.

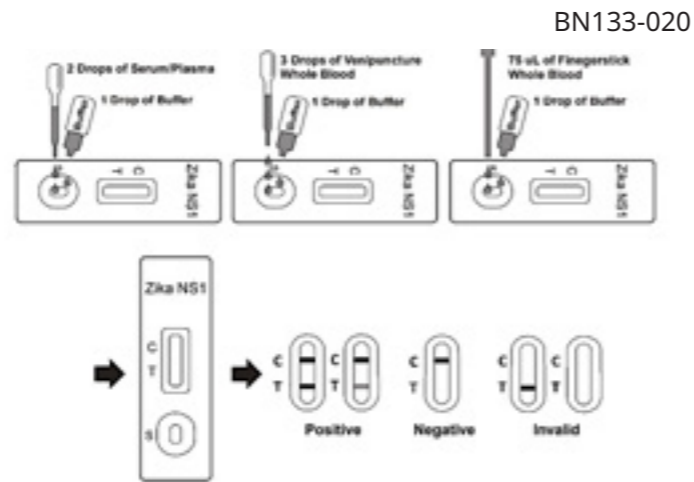
|                      | IgG    | IgM    |
|----------------------|--------|--------|
| Relative Sensitivity | >99.9% | 94.4%  |
| Relative Specificity | 98.9%  | >99.9% |
| Accuracy             | 99.1%  | 99.1%  |



### BN Zika NS1 Rapid Test

BN Zika NS1 Rapid Test is a rapid chromatographic immunoassay for the qualitative detection of NS1 antigen of Zika virus in human whole blood, serum, or plasma as an aid in the diagnosis of Zika infections.

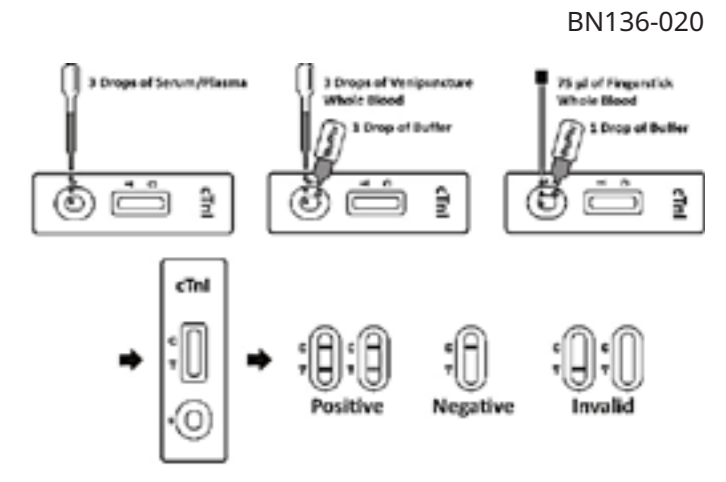
|                      |       |
|----------------------|-------|
| Relative Sensitivity | 94.3% |
| Relative Specificity | 99.1% |
| Accuracy             | 98.3% |



### BN cTnI Rapid Test

BN cTnI Rapid Test is a rapid chromatographic immunoassay for the qualitative detection of human cardiac Troponin I in whole blood, serum, or plasma as an aid in the diagnosis of myocardial infarction (MI).

|                      |       |
|----------------------|-------|
| Relative Sensitivity | 97.6% |
| Relative Specificity | 99.4% |
| Accuracy             | 99.1% |



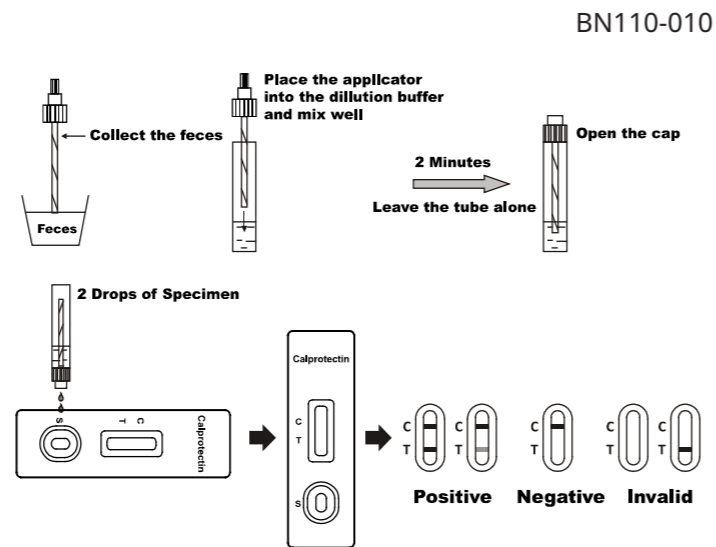
## OTHERS PARAMETERS

### BN Calprotectin Rapid Test (Feces)

BN Calprotectin Rapid Test is a rapid chromatographic immunoassay for the qualitative detection of Calprotectin in human feces specimen which might be useful for the diagnosis of inflammatory gastrointestinal disorders.

|                      |       |
|----------------------|-------|
| Relative Sensitivity | 97.8% |
| Relative Specificity | 99%   |
| Accuracy             | 98.5% |

BN Calprotectin Rapid Test can detect levels of Calprotectin as low as 50 µg/g or 140 ng/ml feces.

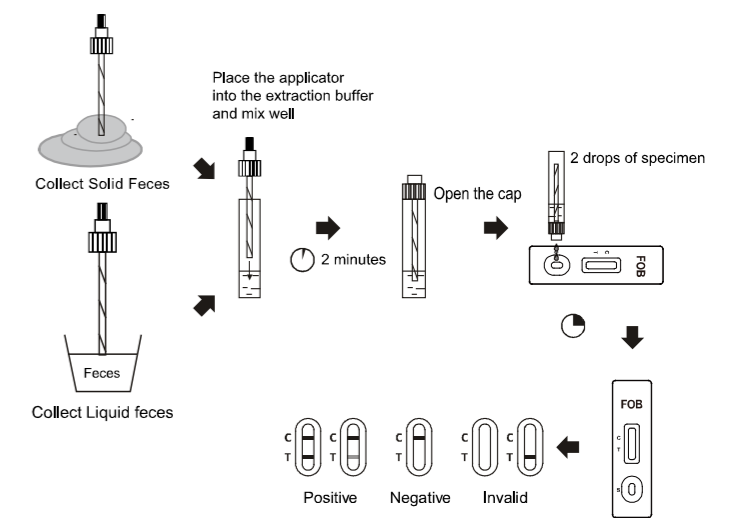


### BN FOB Rapid Test

BN FOB Rapid Test is a rapid chromatographic immunoassay for the qualitative detection of Human Occult Blood in feces.

|                      |       |
|----------------------|-------|
| Relative Sensitivity | 98%   |
| Relative Specificity | 98.7% |
| Accuracy             | 98.5% |

BN FOB Rapid Test can detect levels of Fecal Occult Blood as low as 10ng/ml or 1.0µg/g feces.

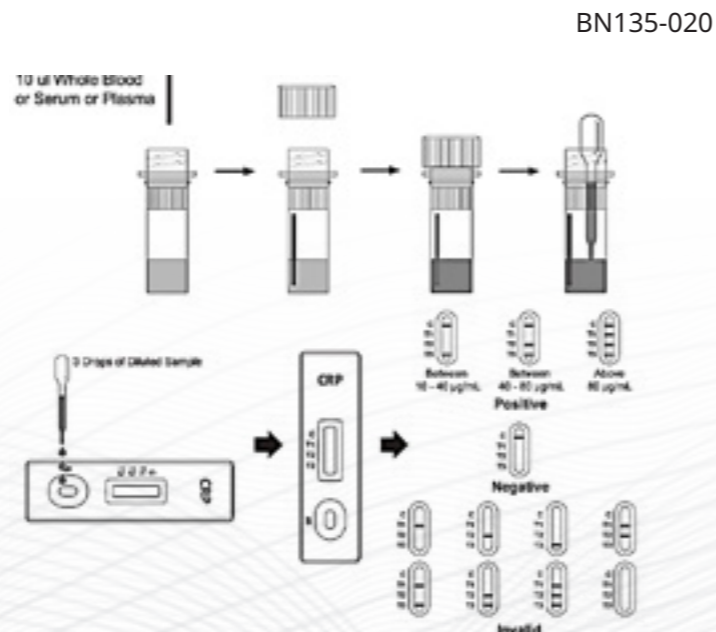


### BN C-reactive protein Semi-Quantitative Rapid Test

BN CRP Semi-Quantitative Rapid Test is a rapid chromatographic immunoassay for the Semi-quantitative detection of human CRP in whole blood, serum or plasma as an aid in the diagnosis of inflammatory condition.

|                      |        |
|----------------------|--------|
| Relative Sensitivity | >99.9% |
| Relative Specificity | 97.5%  |
| Accuracy             | 97.8%  |

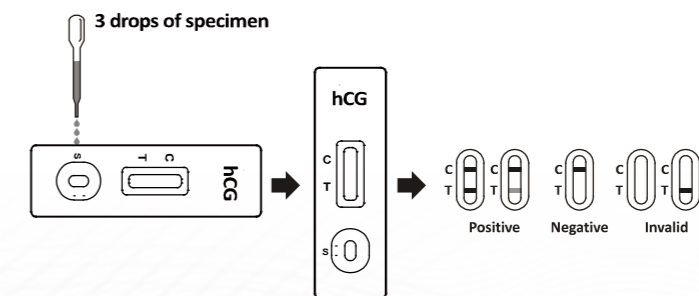
The cutoff of the test is 10 µg/ml



### BN Pregnancy HCG Rapid Test

BN Pregnancy HCG Rapid Test is a rapid chromatographic immunoassay for the qualitative detection of human chorionic gonadotropin in urine or serum or plasma to aid in the early detection of pregnancy.

BN Pregnancy HCG Rapid Test detects hCG at a concentration of 25mIU/ml or greater.



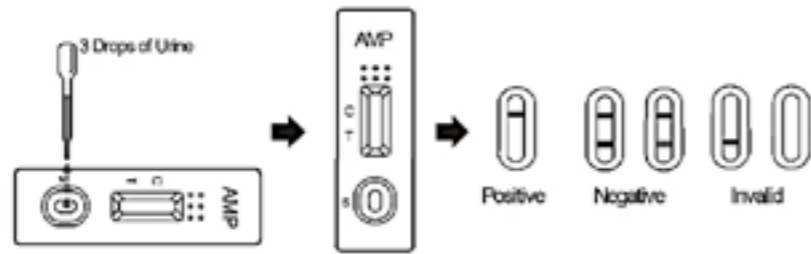


# DRUG OF ABUSE - SINGLE TESTS

## BN Amphetamine (AMP) Rapid Test

BN137-025

BN Amphetamine (AMP) Rapid Test is a rapid chromatographic immunoassay for the detection of Amphetamine in human urine.

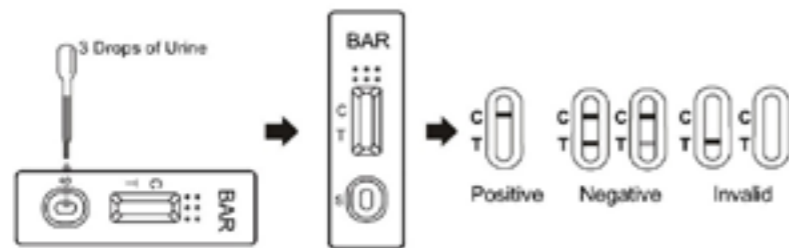


BN Amphetamine (AMP) Rapid Test yields a positive result when Amphetamines in urine exceed 500 ng/ml.

## BN Barbiturate (BAR) Rapid Test

BN138-025

BN Barbiturate (BAR) Rapid Test is a lateral flow chromatographic immunoassay for the detection of Barbiturates in urine.

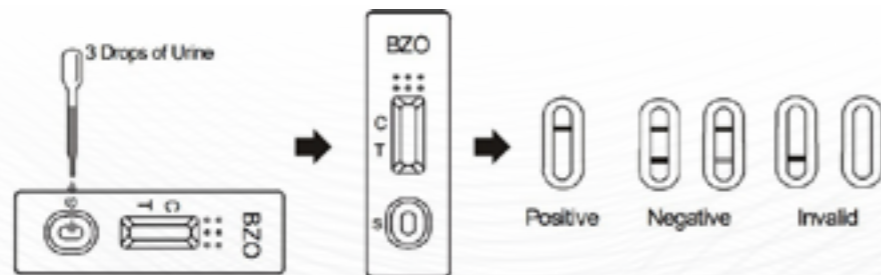


BN Barbiturate (BAR) Rapid Test yields a positive result when the Barbiturates in urine exceeds 300 ng/ml.

## BN Benzodiazepines (BZO) Rapid Test

BN139-025

BN Benzodiazepines (BZO) Rapid Test is a rapid chromatographic immunoassay for the detection of Oxazepam (major metabolite)

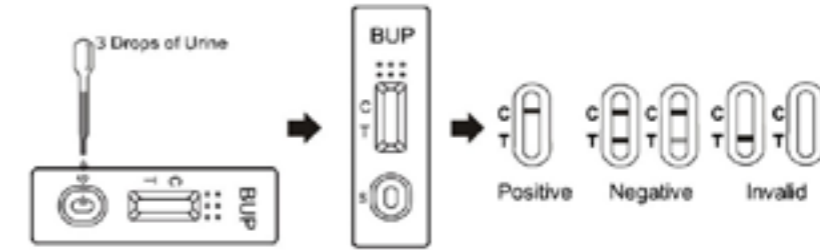


Benzodiazepines (BZO) Rapid Test yields a positive result when the Benzodiazepines in urine exceeds 300 ng/ml.

## BN Buprenorphine (BUP) Rapid Test

BN140-025

BN Buprenorphine (BUP) Rapid Test is a rapid chromatographic immunoassay for the detection of Buprenorphine in urine.

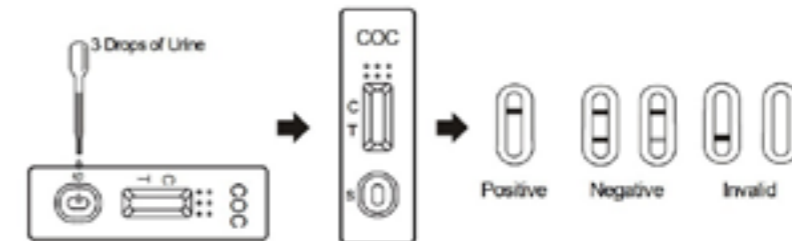


BN Buprenorphine (BUP) Rapid Test yields a positive result when Buprenorphine in urine exceeds 10 ng/mL.

## BN COCAINE (COC) Rapid Test

BN141-025

BN COCAINE (COC) Rapid Test is a rapid chromatographic immunoassay for the qualitative detection of Cocaine metabolite, Benzoyllecgonine, in human urine.



BN COCAINE (COC) Rapid Test yields a positive result when the Cocaine metabolite in urine exceeds 300ng/ml.

## BN Ecstasy (MDMA) Rapid Test

BN142-025

BN Ecstasy (MDMA) Rapid Test is a rapid chromatographic immunoassay for the detection of Methylendioxy-methamphetamine (primary ingredient of Ecstasy) in human urine.

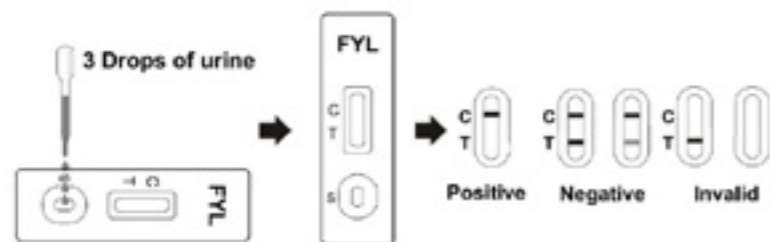


BN Ecstasy (MDMA) Rapid Test yields a positive result when Methylendioxy-methamphetamine in urine exceeds 500 ng/ml.

**BN Fentanyl (FYL) Rapid Test**

BN143-025

BN Fentanyl (FYL) Rapid Test is a rapid immunochromatographic assay for the qualitative detection of Norfentanyl, a metabolite of Fentanyl.

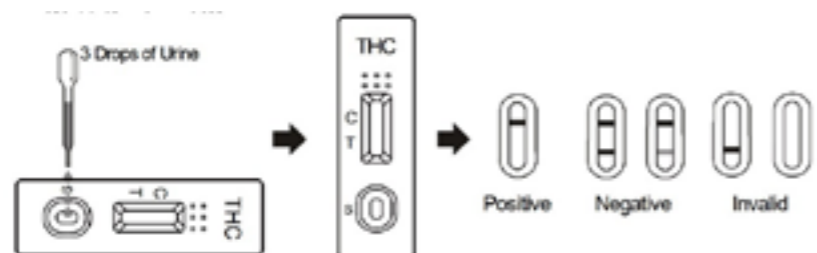


BN Fentanyl (FYL) Rapid Test yields a positive result when Norfentanyl in urine exceeds 10 ng/mL.

**BN Marijuana (THC) Rapid Test**

BN-144-025

BN Marijuana (THC) Rapid Test is a rapid chromatographic immunoassay for the detection of 11-nor- $\Delta^9$ -THC-9 COOH (THC metabolite) in human urine.

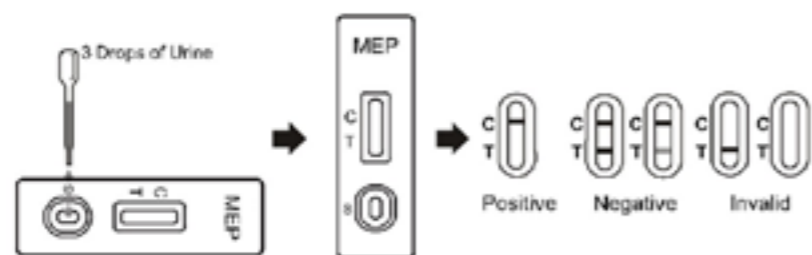


BN Marijuana (THC) Rapid Test yields a positive result when the concentration of Marijuana in urine exceeds 50ng/ml.

**BN Mephedrone (MEP) Rapid Test**

BN145-025

BN Mephedrone (MEP) Rapid Test is a rapid chromatographic immunoassay for the detection of Mephedrone HCl in urine.

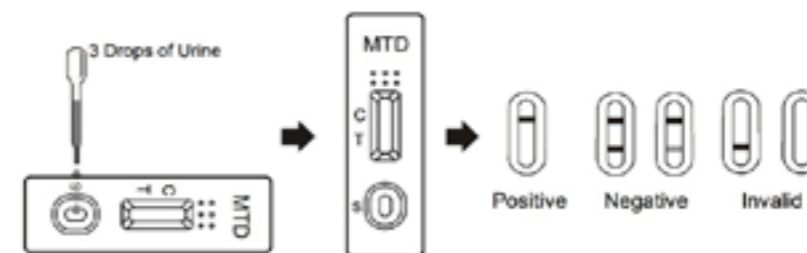


BN Mephedrone (MEP) Rapid Test yields a positive result when the concentration of Mephedrone HCl in urine exceeds 100ng/ml.

**BN Methadone (MTD) Rapid Test**

BN146-025

BN Methadone (MTD) Rapid Test is a lateral flow chromatographic immunoassay for the detection of Methadone in human urine.

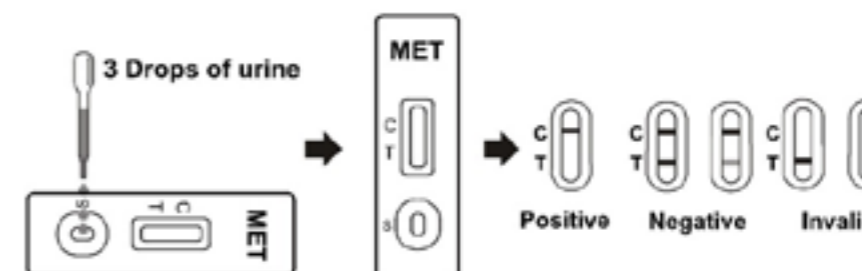


BN Methadone (MTD) Rapid Test yields a positive result when the Methadone in urine exceeds 300 ng/ml.

**BN Methamphetamine (MET) Rapid Test**

BN147-025

BN Methamphetamine (MET) Rapid Test is a rapid chromatographic immunoassay for the detection of Methamphetamine in human urine.

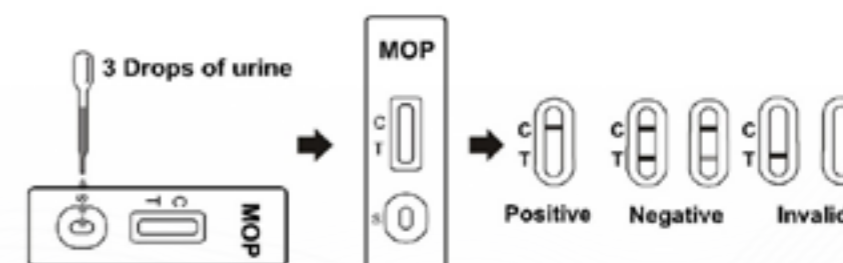


BN Methamphetamine (MET) Rapid Test yields a positive result when the Methamphetamine in urine exceeds 500ng/mL.

**BN Morphine (MOP) Rapid Test**

BN148-025

BN Morphine (MOP) Rapid Test is a rapid chromatographic immunoassay for the detection of Morphine in human urine.

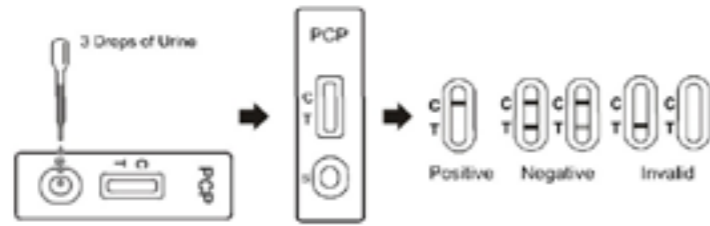


BN Morphine (MOP) Rapid Test yields a positive result when Morphine in urine reaches 300ng/mL.

### BN Phencyclidine (PCP) Rapid Test

BN149-025

BN Phencyclidine (PCP) Rapid Test is a rapid chromatographic immunoassay for the detection of Phencyclidine in urine.

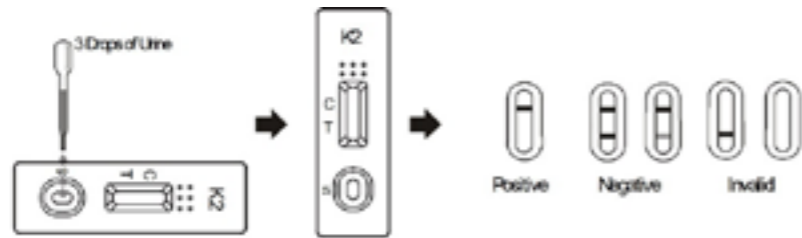


BN Phencyclidine (PCP) Rapid Test yields a positive result when Phencyclidine in urine reaches 25 ng/mL.

### BN Synthetic Marijuana (K2) Rapid Test

BN150-025

BN Synthetic Marijuana (K2) Rapid Test is a rapid chromatographic immunoassay for the detection of Synthetic Marijuana metabolite in human urine.

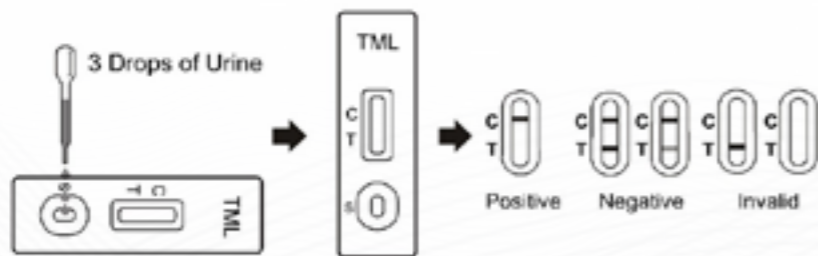


BN Synthetic Marijuana (K2) Rapid Test yields a positive result when the synthetic marijuana metabolite in urine exceeds 50 ng/mL.

### BN Tramadol (TML) Rapid Test

BN151-025

BN Tramadol (TML) Rapid Test is a rapid immunochromatographic assay for the qualitative detection of Tramadol in human urine.

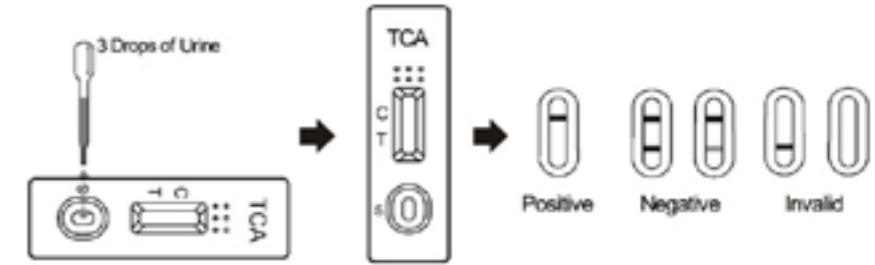


BN Tramadol (TML) Rapid Test yields a positive result when Tramadol in urine exceed 100 ng/mL.

### BN Tricyclic Antidepressants (TCA) Rapid Test

BN152-025

BN Tricyclic Antidepressants (TCA) Rapid Test is a lateral flow chromatographic immunoassay for the detection of Nortriptyline in human urine.



BN Tricyclic Antidepressants (TCA) Rapid Test yields a positive result when the Nortriptyline in urine exceeds 1,000 ng/ml.

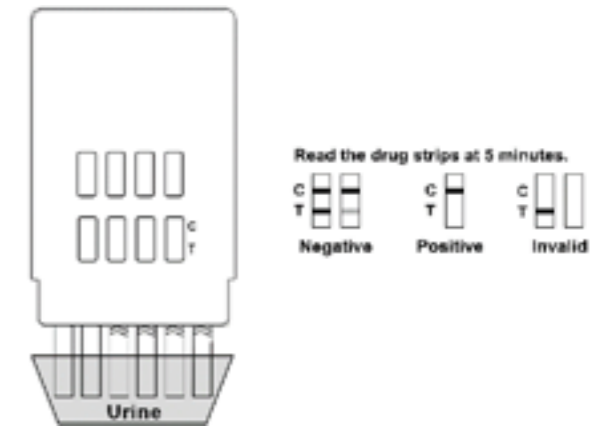
## DRUG OF ABUSE MULTIPARAMETERS TESTS

### BN Multi-Drug 5 Drugs Rapid Test Panel MOP300/COC300/BZO300/AMP500/THC50

BN153-025

BN Multi-Drug 5 Drugs Rapid Test Panel is a rapid chromatographic immunoassay for the qualitative detection of multiple drugs and drug metabolites in urine.

| Test                  | Calibrator                    | Cut-off (ng/mL) |
|-----------------------|-------------------------------|-----------------|
| Morphine (MOP/OPI)    | Morphine                      | 300             |
| Cocaine (COC)         | Benzoylcegonine               | 300             |
| Benzodiazepines (BZO) | Oxazepam                      | 300             |
| Marijuana (THC)       | 1-nor- $\Delta^9$ -THC-9-COOH | 50              |
| Amphetamine (AMP)     | d-Amphetamine                 | 500             |



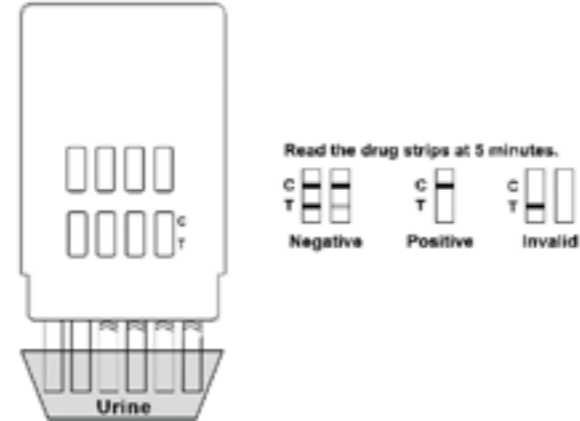
**BN Multi-Drug 10 Drugs Rapid Test Panel MOP300/MDMA500/COC300/MTD300/BAR300/BZO300/MET500/**

**TCA1000/THC50/AMP500**

BN154-025

BN Multi-Drug 10 Drugs Rapid Test Panel is a rapid chromatographic immunoassay for the qualitative detection of multiple drugs and drug metabolites in urine.

| Test                                  | Calibrator                         | Cut-off (ng/mL) |
|---------------------------------------|------------------------------------|-----------------|
| Morphine (MOP/OPI)                    | Morphine                           | 300             |
| Methylenedioxy-methamphetamine (MDMA) | d,l-Methylenedioxy-methamphetamine | 500             |
| Cocaine (COC)                         | Benzoylcegonine                    | 300             |
| Methadone (MTD)                       | Methadone                          | 300             |
| Barbiturates (BAR)                    | Secobarbital                       | 300             |
| Benzodiazepines (BZO)                 | Oxazepam                           | 300             |
| Methamphetamine (MET)                 | d-Methamphetamine                  | 500             |
| Tricyclic Antidepressants (TCA)       | Nortriptyline                      | 1,000           |
| Marijuana (THC)                       | 1-nor- $\Delta^9$ -THC-9 COOH      | 50              |
| Amphetamine (AMP)                     | d-Amphetamine                      | 500             |

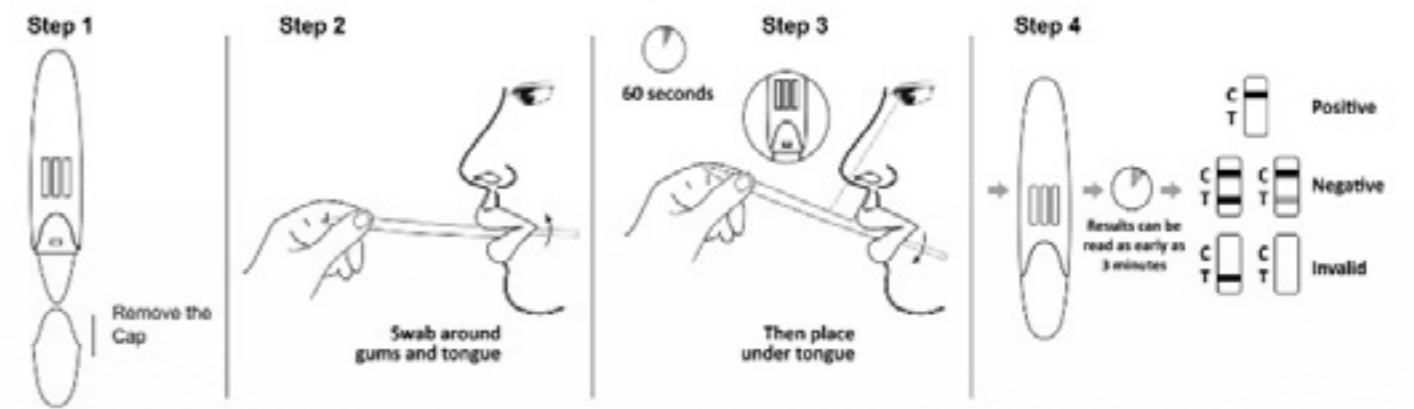


**BN Multi-Drug 6 Drugs Rapid Test OPI40/COC20/AMP50/MET50/BZO20/THC20 Oral Fluids**

BN156-025

BN Multi-Drug 6 Drugs Rapid Test Oral Fluid is lateral flow chromatographic immunoassay for the qualitative detection of multiple drugs and drug metabolites in oral fluid.

| Test                  | Calibrator                    | Cut-off (ng/mL) |
|-----------------------|-------------------------------|-----------------|
| Opiates (OPI/ MOP)    | Morphine                      | 40              |
| Cocaine (COC)         | Benzoylcegonine               | 20              |
| Amphetamine (AMP)     | d-Amphetamine                 | 50              |
| Methamphetamine (MET) | d-Methamphetamine             | 50              |
| Benzodiazepines (BZO) | Oxazepam                      | 20              |
| Marijuana (THC)       | 1-nor- $\Delta^9$ -THC-9 COOH | 20              |

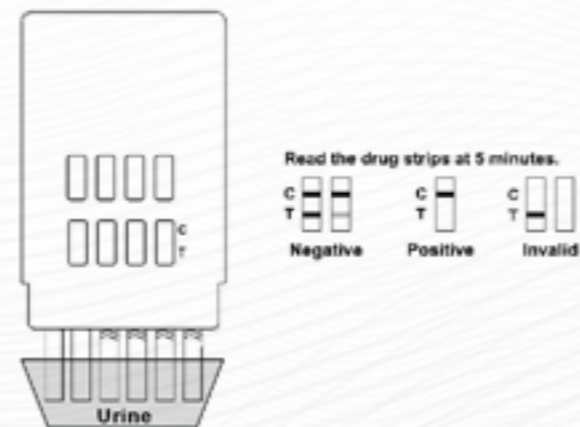


**BN Multi-Drug 6 Drugs Rapid Test Panel OXY100/MDPV1000/K2-50/LSD20/MEP100/CAT150**

BN155-025

BN Multi-Drug 6 Drugs Rapid Test Panel is a rapid chromatographic immunoassay for the qualitative detection of multiple drugs and drug metabolites in urine.

| Test                                    | Calibrator                       | Cut-off (ng/mL) |
|---|----------------------------------|-----------------|
| Oxycodone (OXY)                         | Oxycodone                        | 100             |
| 3, 4-methylenedioxy pyrovalerone (MDPV) | 3, 4-methylenedioxy pyrovalerone | 1,000           |
| Synthetic Marijuana (K2)                | JWH-018, JWH-073                 | 50              |
| Lysergic Acid Diethylamide (LSD)        | Lysergic Acid Diethylamide       | 20              |
| Mephedrone(MEP)                         | Mephedrone                       | 100             |
| Cathine (CAT)                           | (+)-Norpseudoephedrine           | 150             |



# DEHYDRATED CULTURE MEDIA

Bio-Novum company offers high quality dehydrated culture media for growth and detection of different groups of microorganisms including bacteria and yeasts. They are intended to use in clinical microbiology and also in the testing of water, food, environmental samples, as well as in a veterinary clinic.



| Dehydrated Culture Media  |         |               |                                |
|---------------------------|---------|---------------|--------------------------------|
| Product Name              | Package | Cat. No.      | Supplements                    |
| A-1 Broth Base            | 100 g   | BNM-0001-100  | Triton X-100 Supplement        |
|                           | 500 g   | BNM-0001-500  |                                |
|                           | 5 kg    | BNM-0001-5000 |                                |
| Acetamide Broth           | 100 g   | BNM-0002-100  | none needed                    |
|                           | 500 g   | BNM-0002-500  |                                |
|                           | 5 kg    | BNM-0002-5000 |                                |
| Acetate Differential Agar | 100 g   | BNM-0003-100  | none needed                    |
|                           | 500 g   | BNM-0003-500  |                                |
|                           | 5 kg    | BNM-0003-5000 |                                |
| Aeromonas Agar Base       | 100 g   | BNM-0004-100  | Aeromonas Selective Supplement |
|                           | 500 g   | BNM-0004-500  |                                |
|                           | 5 kg    | BNM-0004-5000 |                                |
| Anaerobe Isolation Agar   | 100 g   | BNM-0005-100  | Sterile defibrinated blood     |
|                           | 500 g   | BNM-0005-500  |                                |
|                           | 5 kg    | BNM-0005-5000 |                                |
| Anaerobe Isolation Broth  | 100 g   | BNM-0006-100  | none needed                    |
|                           | 500 g   | BNM-0006-500  |                                |
|                           | 5 kg    | BNM-0006-5000 |                                |
| APT Agar Base             | 100 g   | BNM-0007-100  | TWEEN 80 Supplement            |
|                           | 500 g   | BNM-0007-500  |                                |
|                           | 5 kg    | BNM-0007-5000 |                                |
| APT Broth Base            | 100 g   | BNM-0008-100  | TWEEN 80 Supplement            |
|                           | 500 g   | BNM-0008-500  |                                |
|                           | 5 kg    | BNM-0008-5000 |                                |
| Arginin Broth             | 100 g   | BNM-0009-100  | none needed                    |
|                           | 500 g   | BNM-0009-500  |                                |
|                           | 5 kg    | BNM-0009-5000 |                                |
| Asparagine Broth Base     | 100 g   | BNM-0010-100  | none needed                    |
|                           | 500 g   | BNM-0010-500  |                                |
|                           | 5 kg    | BNM-0010-5000 |                                |

| Dehydrated Culture Media          |         |               |   |
|-----------------------------------|---------|---------------|---|
| Product Name                      | Package | Cat. No.      | Supplements                                 |
| Azide Dextrose Broth              | 100 g   | BNM-0011-100  | none needed                                 |
|                                   | 500 g   | BNM-0011-500  |   |
|                                   | 5 kg    | BNM-0011-5000 |   |
| Azide Dextrose Broth, Rothe       | 100 g   | BNM-0012-100  | none needed                                 |
|                                   | 500 g   | BNM-0012-500  |   |
|                                   | 5 kg    | BNM-0012-5000 |   |
| Bacillus Cereus (PEMBA) Agar Base | 100 g   | BNM-0013-100  | Sterile Egg Yolk Polymyxin (PEMBA) Emulsion |
|                                   | 500 g   | BNM-0013-500  |   |
|                                   | 5 kg    | BNM-0013-5000 |   |
| Bacillus Cereus (PREP) Agar Base  | 100 g   | BNM-0014-100  | Sterile Egg Yolk Polymyxin (PREP) Emulsion  |
|                                   | 500 g   | BNM-0014-500  |   |
|                                   | 5 kg    | BNM-0014-5000 |   |
| Bacteroides Bile Esculin Agar     | 100 g   | BNM-0015-100  | none needed                                 |
|                                   | 500 g   | BNM-0015-500  |   |
|                                   | 5 kg    | BNM-0015-5000 |   |
| BAGG Broth Base                   | 100 g   | BNM-0016-100  | Glycerol Supplement                         |
|                                   | 500 g   | BNM-0016-500  |   |
|                                   | 5 kg    | BNM-0016-5000 |   |
| Baird-Parker Agar Base, ISO       | 100 g   | BNM-0017-100  | Sterile Egg Yolk Tellurite Emulsion         |
|                                   | 500 g   | BNM-0017-500  |   |
|                                   | 5 kg    | BNM-0017-5000 |   |
| Baird-Parker Agar Base, PH EUR    | 100g    | BNM-0018-100  | Sterile Egg Yolk Tellurite Emulsion         |
|                                   | 500 g   | BNM-0018-500  |   |
|                                   | 5 kg    | BNM-0018-5000 |   |
| BAT Agar                          | 100 g   | BNM-0019-100  | none needed                                 |
|                                   | 500 g   | BNM-0019-500  |   |
|                                   | 5 kg    | BNM-0019-5000 |   |
| Bile Esculin Agar                 | 100 g   | BNM-0021-100  | none needed                                 |
|                                   | 500 g   | BNM-0021-500  |   |
|                                   | 5 kg    | BNM-0021-5000 |   |













# CHROMOGENIC MEDIA

# SUPPLEMENTS

| Chromogenic        |                               |               |             |
|--------------------|-------------------------------|---------------|-------------|
| Product Name       | Package                       | Cat. No.      | Supplements |
| Cereus KIT         | 100 g + 6 vials               | BNM-0051-100  | none needed |
|                    | 500 g + 30 vials              | BNM-0051-500  |             |
|                    | 5 kg + 300 vials              | BNM-0051-5000 |             |
| Coliform           | 100 g                         | BNM-0067-100  | none needed |
|                    | 500 g                         | BNM-0067-500  |             |
|                    | 5 kg                          | BNM-0067-5000 |             |
| Enterococcus Agar  | 100 g                         | BNM-0102-100  | none needed |
|                    | 500 g                         | BNM-0102-500  |             |
|                    | 5 kg                          | BNM-0102-5000 |             |
| Enterococcus Broth | 100 g                         | BNM-0103-100  | none needed |
|                    | 500 g                         | BNM-0103-500  |             |
|                    | 5 kg                          | BNM-0103-5000 |             |
| Listeria KIT       | 70 g + 2x100 ml + 2 vials     | BNM-0152-100  | none needed |
|                    | 500 g + 14x100 ml + 14 vials  | BNM-0152-500  |             |
|                    | 5 kg + 140x100 ml + 140 vials | BNM-0152-5000 |             |
| Listeria Plus KIT  | 70 g + 2x100 ml + 2 vials     | BNM-0158-100  | none needed |
|                    | 500 g + 14x100 ml + 14 vials  | BNM-0158-500  |             |
|                    | 5 kg + 140x100 ml + 140 vials | BNM-0158-5000 |             |
| LMX                | 100 g                         | BNM-0164-100  | none needed |
|                    | 500 g                         | BNM-0164-500  |             |
|                    | 5 kg                          | BNM-0164-5000 |             |

| Chromogenic          |                    |               |  |
|----------------------|--------------------|---------------|--|
| Product Name         | Package            | Cat. No.      | Supplements                                  |
| M-CP Base            | 100 g              | BNM-0172-100  | M-CP Chromogenic Supplement MCC80004-01/02   |
|                      | 500 g              | BNM-0172-500  |  |
|                      | 5 kg               | BNM-0172-5000 |  |
| MLGA                 | 100 g              | BNM-0198-100  | none needed                                  |
|                      | 500 g              | BNM-0198-500  |  |
|                      | 5 kg               | BNM-0198-5000 |  |
| MRSA KIT             | 80 g + 2 vials     | BNM-0212-100  | none needed                                  |
|                      | 480 g + 12 vials   | BNM-0212-500  |  |
|                      | 4,8 kg + 120 vials | BNM-0212-5000 |  |
| Salmonella Base      | 100 g              | BNM-0290-100  | Salmonella Selective Supplement BNS01071-100 |
|                      | 500 g              | BNM-0290-500  |  |
|                      | 5 kg               | BNM-0290-5000 |  |
| Salmonella Plus Base | 100 g              | BNM-0291-100  | Salmonella Plus Selective Supplement         |
|                      | 500 g              | BNM-0291-500  |  |
|                      | 5 kg               | BNM-0291-5000 |  |
| Staphylococcus       | 100 g              | BNM-0060-100  | none needed                                  |
|                      | 500 g              | BNM-0060-500  |  |
|                      | 5 kg               | BNM-0060-5000 |  |
| StrepB KIT           | 100 g + 4 vials    | BNM-0305-100  | none needed                                  |
|                      | 500 g + 20 vials   | BNM-0305-500  |  |
|                      | 5 kg + 200 vials   | BNM-0305-5000 |  |
| TBX                  | 100 g              | BNM-0312-100  | none needed                                  |
|                      | 500 g              | BNM-0312-500  |  |
|                      | 5 kg               | BNM-0312-5000 |  |
| UTI                  | 100 g              | BNM-0354-100  | none needed                                  |
|                      | 500 g              | BNM-0354-500  |  |
|                      | 5 kg               | BNM-0354-5000 |  |

| SUPPLEMENTS  |         |              |
|--|---------|--------------|
| Product Name   | Package | Cat. No.     |
| Aeromonas Selective Supplement   | 4 ml    | BNS-1001-004 |
| Ampicillin (5 mg) Supplement   | 4 ml    | BNS-1002-004 |
| Bacitracin (150 mg) Supplement   | 4 ml    | BNS-1003-004 |
| Bordetella Selective Supplement  | 4 ml    | BNS-1004-004 |
| Brucella Selective Supplement  | 4 ml    | BNS-1008-004 |
| Campylobacter Growth Supplement  | 4 ml    | BNS-1009-004 |
| Campylobacter Selective Supplement, Blaser-Wang                              | 4 ml    | BNS-1010-004 |
| Campylobacter Selective Supplement, Bolton                                   | 4 ml    | BNS-1011-004 |
| Campylobacter Selective Supplement, CCDA                                     | 4 ml    | BNS-1012-004 |
| Campylobacter Selective Supplement, Karmali                                  | 4 ml    | BNS-1013-004 |
| Campylobacter Selective Supplement, Preston                                  | 4 ml    | BNS-1014-004 |
| Campylobacter Selective Supplement, Skirrow                                  | 4 ml    | BNS-1015-004 |
| Cefixime Tellurite Selective Supplement                                      | 4 ml    | BNS-1016-004 |
| Clostridium Selective Supplement   | 4 ml    | BNS-1017-004 |
| Chloramphenicol (200 mg) supplement  | 4 ml    | BNS-1018-004 |
| Citric Acid Solution for 500 ml Orange serum Agar                            | 5 ml    | BNS-1019-005 |
| Coliform Selective Supplement  | 4 ml    | BNS-1020-004 |
| DRBC Plus Selective Supplement For 500 ml of Rose Bengal Dichloran Agar Plus | 4 ml    | BNS-1021-004 |
| DTM Selective Supplement   | 4 ml    | BNS-1022-004 |
| Ferric Ammonium Citrate Supplement   | 250mg   | BNS-1023-250 |
| Ferric Ammonium Citrate Solution, Sterile                                    | 10 ml   | BNS-1024-010 |
| Ferric Ammonium Citrate Solution, Sterile                                    | 30 ml   | BNS-1025-030 |
| Gardnerella Selective Supplement   | 4 ml    | BNS-1026-004 |
| GC Selective Supplement, VCN   | 4 ml    | BNS-1027-004 |
| GC Selective Supplement, VCNT  | 4 ml    | BNS-1028-004 |
| Glycerol Supplement  | 100 ml  | BNS-1029-100 |
| Glycerol Supplement  | 500 ml  | BNS-1030-500 |
| Growth Factor Mixture  | 5 ml    | BNS-1031-005 |
| GSP Selective Supplement   | 4 ml    | BNS-1032-004 |
| Haemophilus Supplement   | 4 ml    | BNS-1033-004 |
| K Agar Malic Acid Solution   | 5 ml    | BNS-1034-005 |
| Lactic Acid Solution   | 100 ml  | BNS-1035-100 |
| Legionella BCYE Growth Factor Mixture with Cysteine, for 100 ml agar base    | 5 ml    | BNS-1036-005 |
| Legionella BCYE Growth Factor Mixture with Cysteine, for 500 ml agar base    | 5 ml    | BNS-1037-005 |
| Legionella BCYE Growth Factor Mixture without Cysteine, for 100 ml agar base | 5 ml    | BNS-1038-005 |
| Legionella BCYE Growth Factor Mixture without Cysteine, for 500 ml agar base | 5 ml    | BNS-1039-005 |

| SUPPLEMENTS  |          |              |
|--|----------|--------------|
| Product Name   | Package  | Cat. No.     |
| Legionella Selective Supplement BMPA, for 100 ml agar base | 5 ml     | BNS-1042-005 |
| Legionella Selective Supplement BMPA, for 500 ml agar base | 5 ml     | BNS-1043-005 |
| Legionella Selective Supplement GVPC, for 100 ml agar base | 5 ml     | BNS-1044-005 |
| Legionella Selective Supplement GVPC, for 500 ml agar base | 5 ml     | BNS-1045-005 |
| Legionella Selective Supplement MWY, for 100 ml agar base  | 5 ml     | BNS-1046-005 |
| Legionella Selective Supplement MWY, for 500 ml agar base  | 5 ml     | BNS-1047-005 |
| Listeria Selective Supplement, Fraser                      | 4 ml     | BNS-1048-004 |
| Listeria Selective Supplement, Half Fraser                 | 4 ml     | BNS-1049-004 |
| Listeria Selective Supplement, Oxford                      | 4 ml     | BNS-1050-004 |
| Listeria Selective Supplement, Palcam                      | 4 ml     | BNS-1051-004 |
| Listeria Selective Supplement, UVM I                       | 4 ml     | BNS-1052-004 |
| Listeria Selective Supplement, UVM II                      | 4 ml     | BNS-1053-004 |
| M-CP Chromogenic Supplement, for 100 ml agar base          | 4 ml     | BNS-1054-004 |
| M-CP Chromogenic Supplement, for 500 ml agar base          | 4 ml     | BNS-1055-004 |
| M-CP Selective Supplement, for 100 ml agar base            | 4 ml     | BNS-1056-004 |
| M-CP Selective Supplement, for 500 ml agar base            | 4 ml     | BNS-1057-004 |
| Malachite Green Solution, Sterile                          | 10 ml    | BNS-1058-010 |
| Malachite Green Solution, Sterile                          | 30 ml    | BNS-1059-030 |
| MRSA Selective Supplement                                  | 4 ml     | BNS-1060-004 |
| MUG Supplement   | 4 ml     | BNS-1061-004 |
| OGYE Selective Supplement                                  | 4 ml     | BNS-1062-004 |
| Perfringens Selective Supplement, OPSP, A+B                | 2 x 4 ml | BNS-1063-004 |
| Perfringens Selective Supplement, SFP                      | 4 ml     | BNS-1064-005 |
| Perfringens Selective Supplement, TSC                      | 4 ml     | BNS-1065-006 |
| Potassium Tellurite Solution, Sterile                      | 10 ml    | BNS-1066-010 |
| Potassium Tellurite Solution, Sterile                      | 30 ml    | BNS-1067-030 |
| Pseudomonas Selective Supplement, CFC                      | 4 ml     | BNS-1068-004 |
| Pseudomonas Selective Supplement, CN                       | 4 ml     | BNS-1069-005 |
| Pseudomonas Selective Supplement, PP                       | 4 ml     | BNS-1070-006 |
| RPMI MOPS Solution, Sterile                                | 100 ml   | BNS-1071-100 |
| Salmonella Selective Supplement                            | 4 ml     | BNS-1072-004 |
| Salmonella Plus Selective Supplement                       | 4 ml     | BNS-1073-004 |
| Shigella Selective Supplement                              | 4 ml     | BNS-1074-004 |
| Sodium Metabisulphite Solution, Sterile                    | 10 ml    | BNS-1075-010 |
| Sodium Metabisulphite Solution, Sterile                    | 30 ml    | BNS-1076-030 |
| Staph/Strep Selective Supplement                           | 4 ml     | BNS-1077-004 |





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