

# Rapid News

#### FOR HOME DETECTION

### Dengue Antigen Test

INSTANT BLOOD TEST KIT



- + Easy to use
- + Instant results
- + Test from the convenience of your home

## COMMON SIGNS & SYMPTOMS Nausea

& vomiting





High fever

Rapid Immunochromatographic assay used for the qualitative detection of NS1 antigen in human blood. It is a qualitative immunoassay. Any reactive specimen should be confirmed by an alternative testing method.

#### **PROCEDURE**











the results

in 15-20 mins

kit to 20°C-25°C

index finger with

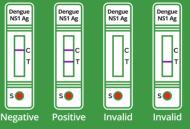
blood from pricked room temperature alcohol swab & prick finger using dropper. with lancet for blood Add 2-3 drops of blood to the test device

- Step 1) Open the pack just before use.
- Step 2) Bring the test device to room temperature & place it on a flat surface.
- Step 3) Clean the index finger with alcohol swab & prick with lancet for blood sample.
- Step 4) Take the blood from pricked finger using provided dropper.
- Step 5) Add 2-3 drops of blood in the sample slot (S) provided on the device.
- Step 6) Read the result within 15-20 minutes.
- Step 7) Discard the device after use.

#### **TEST PRINCIPLE**

Dengue NS1 Antigen Test device is a chromatographic immunoassay kit for rapid detection kit of dengue virus NS1 antigen using blood. Dengue-specific antibodies complexed with gold conjugate are placed in the conjugate pad and anti-dengue NS1 antibodies are immobilized on the membrane. When dengue antigen-positive specimen is loaded in the sample slot, the antigen reacts with denguespecific antibodies-gold complex. The antigen is captured by the immobilized anti-dengue NS1 antibodies to make visible band in the test line.

#### INTERPRETATION OF RESULT



For Dengue NS1 Antigen Test

- 1. A pink/purple colour band will appear in the control line (C) of the result window to show that the test is working properly.
- 2. The test line (T) of the result window indicates the test results and may or may not appear in all tests performed.

NEGATIVE - The presence of only 1 pink/purple colour band in the control line (C) within the result window indicates a negative

POSITIVE - If 2 pink/purple colour bands ("T" band & "C" band) appear in the test line and control line, the result is positive\*.

INVALID - If no band or only 1 pink/purple colour band on "T" line is visible within the result window after performing the test, the result is considered invalid. It is recommended that the specimen should be retested using a new test kit.

\* Negative result should be considered Negative for Dengue NS1 Antigen and Positive result should be considered Positive for Dengue NS1 Antigen.

#### WARNINGS AND PRECAUTIONS

- 1. This package insert must be read completely before performing the test. Failure to follow the insert may give inaccurate test results.
- 2. Perform the test immediately (within 30 mins.) after opening of the sealed pouch.
- 3. Apply standard biosafety precautions for handling and disposal of potentially infectious material.
  - Handle all specimens as potentially infectious.
  - Wear gloves while handling specimens and performing the test.
  - Avoid splashing and aerosol formation.
  - Clean up spills thoroughly using an appropriate disinfectant.
- 4. Do not re use the test. It is for single use only.
- 5. Dispose all specimens and used materials into bio-hazardous waste container.
- 6. Do not perform the test in a room with strong air flow, i.e. an electric fan or strong air conditioning directly throwing air on test device.
- 7. Do not use test if pouch is damaged and colour of desiccant has been changed to pink/white instead of blue.

Storage: Store at 2°C to 40°C. Protect from light & moisture. Do not freeze.

Keep out of reach of children. This product is not intended to cure or prevent any disease. For single use only For in vitro diagnostic use only.

FOR EXTERNAL USE ONLY Not for internal or medicinal use.

Presentation: Rapid News Dengue Test Kit contains 1U Test Kit, 1U Lancet, 1U Alcohol swab are packed in a carton along with a package insert.

Manufactured in India by: Koshbio Private Limited Plot No. 39, Block-I, DLF Industrial Estate,

Marketed by: MANKIND PHARMA LTD. 208, Okhla Industrial Estate-3, New Delhi-110020 Contact Manager, Customer Care Cell:

Phase-1, Faridabad, Haryana-121003 Toll Free No.: 18001034400

Email: contact@mankindpharma.com MKA1TPOIOI1420900 TM-Trade Mark Under Registration

DISCLAIMER: Every precaution has been taken to ensure diagnostic ability and accuracy of this product. Various factors including storage temperature, environmental conditions, and procedural errors may affect the result. A person who is subject of the diagnosis should consult a doctor for further confirmation. The manufacturer of this product shall not be liable for any loses, liability, claims, costs or damages whether direct or consequential arising out of or related to an incorrect diagnosis, whether positive or negative, in the use of this product.