

### Rapid Test for NT- proBNP– Device

“A rapid test for qualitative determination of NT- proBNP in serum/plasma/whole blood”

**For Self - Testing & In-Vitro Diagnostic Use Only**

**Store at 4°C to 30°C**

#### OVERVIEW

##### INTENDED USE

Rapid Test for NT- proBNP- Device is a rapid chromatographic immunoassay for the semi qualitative determination of NT- proBNP in whole blood, serum or plasma as a marker in the diagnosis of heart failure.

This test is for healthcare professional use as well as for home use.

##### PRINCIPLE

The membrane is pre-coated with Anti-NTPBNP mAb on the test line region of the test. During testing, the whole blood, serum or plasma specimen reacts with the nanoparticle coated with anti-NTPBNP antibodies. The mixture migrates upward on the membrane chromatographically by capillary action to react with capture Ab on the membrane and generate a colored line. The presence of this colored line in the test line region indicates a positive result, while its absence indicates a negative result. To serve as a procedural control, a colored line will always appear in the control line region indicating that proper volume of specimen has been added and membrane wicking has occurred.

##### CONTENTS OF KIT

1. Test Device with desiccant
2. Dropper.
3. Package Insert.

##### OPTIONAL MATERIAL REQUIRED

1. Stopwatch

##### PRECAUTIONS/KIT STORAGE AND STABILITY

1. Please read all the information in this package insert before performing the test. Pay particular attention to the position of the Control and Test lines.
2. Do not use after the expiration date printed on the foil pouch.
3. Store in the sealed pouch in a dry place in between temperature 4°C to 30°C. Do not freeze.
4. Do not use if pouch is torn or damaged.
5. Do not open the foil pouch until you are ready to start the test.
6. Keep out of the reach of children.

##### WARNINGS

1. Do not reuse the test.
2. Follow the instruction to get accurate results.
3. Use appropriate personal protective equipment.
4. Dispose hygienically in domestic waste.
5. Do not touch the membrane.
6. Treat the samples and used test as potentially infectious. Avoid contact with skin.
7. For in vitro diagnostic use. Not to be taken internally.
8. Do not eat the desiccant in the package.
9. Do not mix the specimen sample or interchange the different specimen.
10. The manufacturer and distributor of this product shall not be liable for any losses, liability, claims, costs or damages whether director cons sequential rising out for related to an incorrect diagnosis.

##### SPECIMEN COLLECTION

Fresh anti-coagulated whole blood should be used as a test sample. EDTA or Heparin can be used as suitable anticoagulants. Fresh serum or plasma can also be used as a test sample. The specimen should be collected in a clean glass or plastic container. If immediate testing is not possible then store the specimen at 2°C to 8°C for up to 24 hours before testing. Clotted, contaminated or hemolyzed blood samples should not be used for performing the test.

Fresh finger pricked blood samples can also be used as a sample for testing

#### TEST PROCEDURE

1. Bring the kit components to room temperature before testing.
2. Open the pouch and retrieve the test and desiccant pouch. Check the color of the desiccant. It should be blue, if it has turned colorless or pink, discard the test and use another test. Once opened, the test must be used immediately.
3. Label the test with patient's identity.
4. Keep the device on plain surface & add two drops (Approx.60 µl) serum/plasma or three drops (Approx.90 µl) whole blood sample in sample 'S' well by using dropper.
5. Start the timer.
6. Read the result at 10 to 15 minutes. Result reading after 16<sup>th</sup> minute shall be considered invalid.

#### INTERPRETATION OF RESULTS

**Negative:** If colored line appears at control region 'C' & no colored band appears at test region T, then sample is negative (NT- proBNP is absent or less than 0.40 ng/ml).



**Positive:** A distinct clearly visible colored line appears at control region 'C' and at the test region 'T', then specimen contains NT- proBNP.

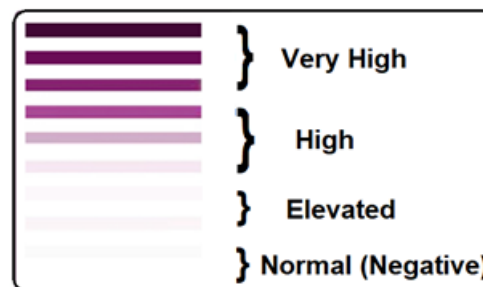


**Invalid:** Test should be considered invalid and repeat the test using fresh test if

- a. No line appears at control side 'C' and line appears only at test side 'T'.



- b. No line appears at control side 'C' and test side 'T'.














#### LIMITATIONS

1. As with all diagnostic tests, the test result must always be correlated with clinical findings.
2. The results of test are to be interpreted within the epidemiological, clinical and therapeutic context. When it seems indicated, reference correlation should be considered.
3. Any modification to the above procedure and / or uses of other reagents will invalidate the test procedure.
4. The test is limited to the determination of NT-proBNP, Other clinically available tests are required if questionable results are obtained. As with all diagnostic tests, a definitive clinical diagnosis should not be based on the results of a single test, but should only be made by the physician after all clinical and laboratory findings have been evaluated.

#### DISCLAIMER

The all precautions shall be taken to ensure the diagnostic ability and accuracy of this product. This product is utilized outside the control of manufacturer and distributors. The various factors including storage temperature, environmental conditions and procedure error may affect the results.

	In Vitro Diagnostic Use
	Manufacturer
	Manufacturing Date
	Expiry Date
	Lot Number
	Store at 4°C to 30°C
	Single Use
	Number of tests in the pack
	Do not use if pouch or kit damaged
	This side Up
	Read package insert before use



#### MANUFACTURED BY

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