



## DyonTroponinPOC<sup>®</sup> (Cardiac Troponin)

Qualitative determination of cardiac troponin I in human whole blood, serum or plasma.

### INSTRUCTIONS OF SAMPLE COLLECTION & PROCEDURE

#### SAMPLING AND SAMPLE PREPARATION

**1. Collection of whole blood samples.** 1) The collection of whole blood is a syringe into airtight (evacuated) tubes with heparin as an anticoagulant. 2) Whole blood samples must be tested immediately after collection. In case stored at 2 ~ 8°C, should be examined within 24 hours.



**2. Collection of serum / plasma.** 1) Samples of serum or heparinized plasma should be tested immediately after collection. 2) Do not leave specimens at room temperature for a long time. Samples should be stored 2 ~ 8°C and examined micro like in 3 days. If you want stocking for a longer period, samples should be stored at -20°C.

\* Serum or plasma samples containing sediment can cause unrelated results and must be purified before analysis.

#### TEST PROCEDURE

Bring the test devices and specimens to room temperature before remove the casing and before

1. Remove the test device from the sealed pouch and place it on a clean, flat surface.
2. Hold the dispenser vertically and transfer **3 drops of normal sample (about 120µl)** in the specimen well (S) of the device.

120µL

use them.



3. Wait for the red or purple line in the area of effect.

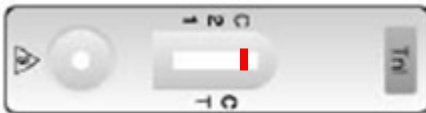
4. Interpret the result in 15-20 minutes. Do not read result after 30 minutes. (In the case of whole blood, you can have good background and effect when interpreting the results around 20 - 25min).

Caution: Perform the test immediately after removing the device from the case.

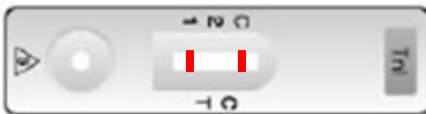


#### INTERPRETATION OF RESULTS

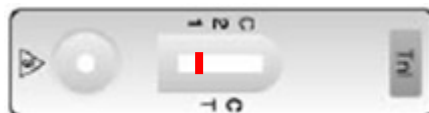
**NEGATIVE:** The presence of the control zone means negative.



**POSITIVE:** The presence of two color bands, regardless of what occurs first means positive result.



**INVALID:** If after the examination does not show the test zone (C), the result is considered invalid. The instructions may not have been followed correctly or the test device is not in good condition, then the sample should be reviewed with a new test.



#### STORAGE AND SHELF LIFE

DyonTroponinPOC<sup>®</sup> should be stored at 2 ~ 30 ° C. The test device is sensitive to moisture and heat. Do not use beyond the expiration date or 18 months from production date