

## DIAQUICK G6PD CASSETTE


### GENERAL INFORMATION

- Glucose-6-phosphat dehydrogenase (G6PD) is an enzyme that is crucial for redox metabolism in aerobic cells. G6PD deficiency is an inborn enzyme deficiency caused by mutation of the G6PD gene on the X chromosome. Such a deficiency leads to an increased destructibility of the red blood cells by changing the sugar metabolism.
- G6PD deficiency is a common enzyme defect that is not specifically treated. The severity of the condition varies greatly and therefore the symptoms range from freedom from complaints to life-threatening haemolytic crises.

Therefore, knowledge of a G6PD deficiency is crucial to avoid triggering factors, such as certain medications or foods, and thus to prevent serious consequences of this condition.


### TEST PROCEDURE

**Test Procedure**




**1**

Make a prick on the tip of the index finger by using a lancet.




**2**

Use the micro-dropper to collect 5 µL of whole blood from the finger tip.  
**Avoid squeezing the finger.**



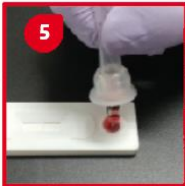
**3**

Drop the 5 µL of whole blood into the buffer tube.



**4**

Insert the filter cap into the buffer tube. Mix well by inverting the tube.



**5**

Fill the sample well of the device with 2 drops of the mixture. Wait 5 minutes and read the result.



### PRODUCT INFORMATION

Sample material	Whole blood
Shelf life	18 months
Method	Formazan Method
Storage	1-30°C
Results	After 5 minutes

### ORDER INFORMATION

REF	Name	Specimen Type	Tests/Kit
Z20103CE	DIAQUICK G6PD Cassette	whole blood	25