G-SIX Kit
Kinetic Method

Intended Use:

Glucose-6 Phosphate Dehydrogenase (G6PD) deficiency is one of the most common human enzyme deficiency. The two major conditions with G6PD deficiency are hemolytic anemias and neonatal jaundice, which may result in neurological complications and death. Screening and detection of G6PD deficiency helps in reducing such episodes, through appropriate selection of treatment, patient counseling and abstinence from disease precipitating drugs such as antimalarials and other agents. G-SIX kit uses the Kinetic method to determine Glucose - 6 Phosphate in blood.

G-SIX Kit components:

L1	G6PDH Reagent
L2	Starter Reagent
Other Accessories	Package Insert

System Parameters

Reaction	: Kinetic	**Interval**	: 60
Wavelength	: 340 nm	**Sample Vol.**	: 0.01 ml
Zero Setting	: D.W.	**Reagent Vol .**	: 3.00 ml
Incub. Temp	: 37°C	**Standard**	: ---
Incub. Time	: 5 min. + 5 min.	**Factor**	: 47780/RBC count, 4778/Hb
Delay Time	: 30 sec	**React. Slope**	: Increasing
Read Time	: 180 sec	**Linearity**	: ---
No. of read	: 4	**Units**	: ---

Storage / Stability	Temperature	Duration
Unopened kit	2-8^{o}C	18 Months
In use stability	2-8^{o}C	5 Days
Working reagent	R.T.	6 Hours

Available Pack Sizes	
5 Tests	5 X 5 Tests