

NEW

ErbaQik[®] Sickle Cell Test

(Human Whole Blood)



Evaluated by



**Competitive
Immuno-chromatographic
Assay Format**



**Differentiation
between Sickle
Cell Disease
and Sickle Cell
Trait**



**No interference
of HbF**



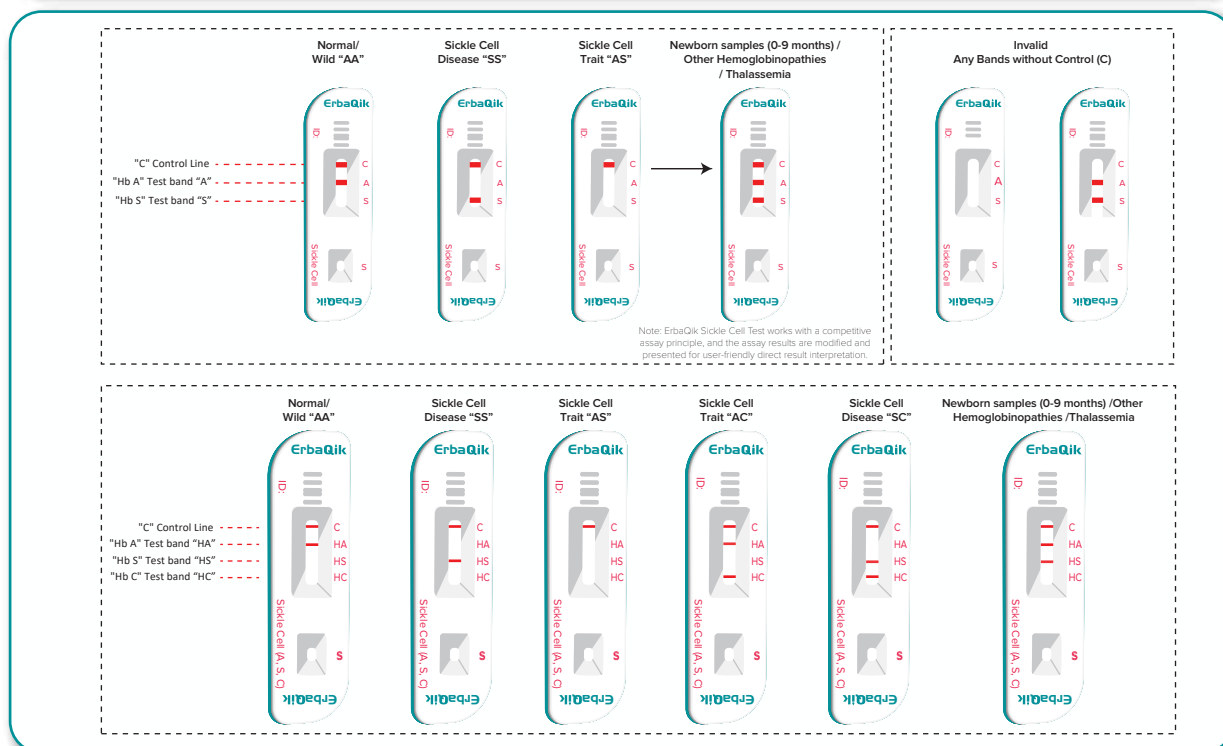
**Suitable for screening
individuals of all age
group including new
borns**

India is estimated to have the second highest burden of Sickle Cell Disease. SCD refers to a group of inherited disorders affecting hemoglobin that carries oxygen caused due to a single base pair mutation in the β -globin gene resulting in the substitution of the amino acid valine for Glutamic acid in the β -globin chain. During low oxygen conditions, the red blood cell (RBC) morphology may range from mild elongation to irreversible elongated tactoid resulting in typical "Sickle" appearance of the red blood cells.

Features and Key Benefits

- **Competitive Lateral flow Assay Format (Immuno-chromatography)**
No Hook Effect due to High concentration of target antigen
- **Use of highly specific monoclonal Abs.**
Specific detection of HbS, HbA and HbC* without interference of HbF
- **3 Bands Assay (A, S and Control)**
4 Bands Assay (A, S, C and Control)
Differentiation between Sickle Cell Disease and Sickle Cell Trait
- **Pre-Filled Extraction tubes**
User friendly
- **Sample Type / Volume: Whole Blood (Finger Prick, Heel Prick, Venous) / 10 μ l**
Can be used as POCT in rural areas. Ideal for Health Camps / Screening Camps
- **Results in 8 - 10 min**
Report on same day
- **100 % Sensitivity and Specificity as per ICMR validation**
Reliable and Endorsed Results

Result Interpretation



Ordering Information

Product Code	Description	Pack size
135339	ErbaQik Sickle Cell Test Card	25 Tests
135340	ErbaQik Sickle Cell (A,S,C) Rapid Test Card	25 Tests

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