



File No. 56/01/2024-SickleCell/Misc/NCD

Date: 08.01.2026

Point of Care Assays validated for screening of Sickle Cell Disease (SCD) by ICMR are as following:

No.	POCT	Year	Validating Site	Sample <sup>*</sup> size	Sensitivity (%)	Specificity (%)
1	Medlera Healthcare POC Sickle Cell Rapid Test ( Re-Validation)	2025	ICMR-NIIH Mumbai & CRMCH, Chandrapur	160	99.37	100
2	BIO SCI Healthcare Sickle Cell Anemia Rapid Test Kit	2025	ICMR-NIIH Mumbai & CRMCH, Chandrapur	150	100	100
3	GENEBIO Sickle Cell Anemia Rapid Test Kit ( Re-Validation)	2025	ICMR-NIIH Mumbai & CRMCH, Chandrapur	150	100	100

This has approval of DG-ICMR.

#### Note

\*Comparative analysis was performed against the HPLC gold standard (Bio-Rad Variant I) for all evaluated kits.

# Proper training of the laboratory staff is required before use of the assays for avoiding technical errors.

## Every Batch should be checked for quality before use in the laboratory/field.

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Scientist & PO