


भारतीय आयुर्विज्ञान अनुसंधान परिषद
INDIAN COUNCIL OF MEDICAL RESEARCH

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

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Non RDT Assays validated for screening of Sickle Cell Disease (SCD) by ICMR areas following:

S. No.	Assay type	Year	Validating Site	Sample* size	Sensitivity (%)	Specificity (%)
1.	ALLWAYS SICKLESENSE Sickle Cell Solubility Test Kit	2024	ICMR-NIIH Mumbai & ICMR-CRMCH, Chandrapur	150	100	100
2.	ErbaMDx Sickle Cell qPCR kit with HbC (Transasia Diagnostic Pvt. Ltd. India)	2024	ICMR-NIIH Mumbai & ICMR-CRMCH, Chandrapur	254	100	100
3.	ErbaMDx Sickle Cell qPCR kit without HbC (Transasia Diagnostic Pvt. Ltd. India)	2024	ICMR-NIIH Mumbai & ICMR-CRMCH, Chandrapur	254	100	100

This has approval of DG-ICMR.

Note

*Comparative done with the HPLC gold standard results (Biorad Variant I).

Appropriate training of the laboratory staff is required before use of the such assays for avoiding technical errors.

(Heena Tabassum)
Scientist & PO