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**भारतीय आयुर्विज्ञान अनुसंधान परिषद्**  
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File No. 56/01/2024-SickleCell/Misc/NCD

Date: 06.03.2025

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

S. No.	Assay type	Year	Validating Site	Sample <sup>*</sup> size	Sensitivity (%)	Specificity (%)
1.	FIRST RESPONSE SICKLE CELL TEST	2025	ICMR-NIRTH, Jabalpur	156	99.01	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.

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

(Heena Tabassum)  
Scientist & PO