Accuracy of Self Reported Sickle Cell Status in Jamaica

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OBJECTIVE

Assess agreement between self-reported sickle cell status and laboratory results and examine sociodemographic differences.

METHODS

A secondary analysis used Jamaica Health and Lifestyle Survey data and compared self-report with available laboratory results.

RESULTS

Self-report sensitivity was 66.7% for sickle cell disease and 13.6% for sickle cell trait. Agreement with test results was poor.

CONCLUSION

The authors highlighted expanded testing and education to improve knowledge of sickle cell status.