

Patient ID SA00162549	Patient Name TESTING, IDHQ NORMAL	Birth Date 2001-01-01	Sex F	Age 22
Order Number SA00162549	Client Order Number SA00162549	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 03 Oct 2023 00:00		

IDH1 and IDH2, Quant, ddPCR, V

Specimen Type

Peripheral blood

MCR

Interpretation

1 MCR

Peripheral blood, IDH1 and IDH2 Quantitative detection:

Negative. No hotspot mutation in IDH1 or IDH2 was detected, within assay limitation. See comment.

Comment: This assay evaluates the hotspot missense mutations in IDH1 (R132H, R132S, R132C, R132G, R132P, R132L) and IDH2 (R140W, R140G, R140L, R140Q, R172K, R172M, R172G, R172W, R172S). The analytic sensitivity of the assay is 0.5% (mutated/total IDH1 or IDH2 copies). Samples containing a lower percentage of mutated nucleic acid or other genetic variants may therefore not be detected by this method. A negative result does

not exclude the presence of a neoplastic process. Correlation with clinical and other laboratory findings is recommended.

ADDITIONAL INFORMATION

Method Summary: Hotspot mutations in IDH1 (R132H, R132S, R132C, R132G, R132P, R132L) and IDH2 (R140W, R140G, R140L, R140Q, R172K, R172M, R172G, R172W, R172S) are evaluated by digital droplet PCR on extracted DNA. The analytical sensitivity of the assay is 0.5% (mutated/total IDH1 or mutated/total IDH2 copies). The reproducibility of this assay is such that results within 0.5 log change (3.16 fold) should be considered equivalent.

Signing Pathologist

MCR

LAUREN SCHULTZ

Received: 03 Oct 2023 11:35

Reported: 03 Oct 2023 11:38

Laboratory Notes

- 1 This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	William G. Morice M.D. Ph.D	24D0404292