



LABORATORY REPORT

Example Client, XYZ123
1234 Warde Road
Ann Arbor MI 48108

EXAMPLE, REPORT W
WX0000003826 F 12/05/1988 34 Y

Referral Testing

Collected: 09/19/2023 10:17 Received: 09/19/2023 10:17

Table with 6 columns: Test Name, Result, Flag, Ref-Ranges, Units, Site. Row 1: Melanoma, BRAF V600 Mutation Cobas. Row 2: Source: NECK, Site: QCRL. Row 3: Block/Specimen ID: ABC12-3456, Site: QCRL. Row 4: BRAF V600 Mutation: DETECTED, Flag: AB, Site: QCRL.

Reference Range:
NOT DETECTED

This FDA-cleared real-time PCR assay on the cobas 4800 platform assesses for mutations at codon 600 of BRAF, particularly V600E, which are present in 40-60% of melanomas. Melanomas with codon 600 BRAF mutations are associated with response to the BRAF-directed kinase inhibitor vemurafenib (ZELBORAF(R)).

Tumor DNA is extracted from fixed tumor tissue and subjected to real-time PCR, with approximate sensitivity of 5% mutation-bearing cells in a mixed sample. Other codon 600 BRAF mutations, beside the most common V600E (c.1799T>A) may not be detected by this method.

Test Performed at:
Quest Diagnostics Nichols Institute
33608 Ortega Highway
San Juan Capistrano, CA 92675-2042 I Maramica MD, PhD, MBA

Performing Site:
QCRL: QUEST DIAGNOSTICS REFERENCE LAB CAPISTRANO 33608 Ortega Highway San Juan Capistrano CA 92675

Reported Date: 2023.09.19 10:18 BRAFM

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED