



Patient ID SA00150353	Patient Name TESTINGRNV, H2GE-NEGATIVE	Birth Date 1969-02-07	Gender F	Age 52
Order Number SA00150353	Client Order Number SA00150353	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 25 Jan 2022 07:04		

HER2, Gastroesophageal FISH, Tissue

Result Summary

MCR

Negative

Interpretation

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There is no evidence of HER2 (ERBB2) gene amplification in this tumor specimen.

According to CAP/ASCP/ASCO guidelines for HER2 testing in gastroesophageal adenocarcinoma, dual-probe in situ hybridization (ISH) results indicating a HER2/centromere ratio less than 2.0 and an average HER2 copy number less than 4.0 signals per cell are interpreted as ISH negative (1).

Reference:

1. Bartley et al., Am J Clin Pathol, 146(6);647-669, 2016.

Result

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nuc ish(D17Z1,HER2)x2

HER2/D17Z1 ratio: 1.00

Average HER2 signals per cell: 2.0

Average D17Z1 signals per cell: 2.0

Reason for Referral

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r/o HER2/neu gene amplification

Specimen

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Tissue, Paraffin, Formalin

Source

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Esophagus

Tissue ID

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BR-12345

Fixative

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Formalin

Method

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FISH using probes for HER2 (17q12) and a chromosome 17 centromere (D17Z1) control probe (PathVysion, Abbott Molecular, Inc). Two technologists score signals in 60 total nuclei from invasive or metastatic tumor after confirmation of probe performance by concurrent controls. Scoring method: Manual.

Disclaimer

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Laboratory Developed Test (LDT). This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. It is intended as an adjunct to existing prognostic clinical and pathologic information for gastroesophageal cancer patients. This test is not intended to diagnose or screen for gastroesophageal cancer. Since only a portion of the tumor was tested, it is possible that this result may not represent the entire tumor population. Per ASCO/CAP guidelines, HER2 FISH test results are valid for non-decalcified paraffin embedded specimens fixed in 10% neutral buffered formalin between 6 and 72 hours. Results from specimens fixed outside these parameters should be interpreted accordingly.

Released By

MCR

Patricia T. Greipp, D.O.

Received: 26 Jan 2022 07:22

Reported: 21 Feb 2022 11:02

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
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