

Patient ID SA00112973	Patient Name TESTINGRNV, SAMPLEREPORT-H2GE	Birth Date 1966-02-07	Gender F	Age 52
Order Number SA00112973	Client Order Number SA00112973	Ordering Physician CLIENT, CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 07 Nov 2018 09:37		

HER2, Gastroesophageal FISH, Tissue

Result Summary

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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 GE junction cancer

Specimen

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Tissue, Paraffin

Source

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Esophagus

Tissue ID

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SR18-123-45

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.

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

Katherine B. Geiersbach, M.D.

Received: 08 Nov 2018 11:52

Reported: 19 Nov 2018 09:09

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
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