

Booking Date 31/03/2024

Patient ID 012403310042

Printed on 07/04/2024

Name Raj Rani

Maternal Age 46 Years

Sex - Female

Ref By Walk-in

**DIAGNOSIS:** FISH, HER-2 NEU ONCOGENE AMPLIFICATION

**METHODOLOGY:** Fluorescence *in situ* Hybridization (FISH)

**PROBE NAME:** ERBB2/CEN 17 DC Probe

**ICSN:** nucish (D17Z1x2, ERBB2x2~3) [50]

## INTERPRETATION:

This specimen is negative for HER-2 neu (ERBB2) amplification in limited number of cells

## FISH:



Interphase cell showing two copies of chromosome 17 (orange) and Her 2 neu gene (green).

## RECOMMENDATION:

Correlation with clinical and pathological findings is recommended. Treatment decisions should not be solely based on the results of ERBB2 testing.

**Please Note:** Cut-off for detection of amplification signal in normal individual is a ratio of 2.0. Interphase analysis may not detect all structural abnormalities for the chromosomes tested. In addition, chromosome abnormalities from other regions of the genome, which are not tested, cannot be detected by this FISH analysis. Although the methodology used in this analysis and interpretation is highly accurate, it does not detect all types of chromosome rearrangements. Failure to detect an alteration at any locus does not exclude the diagnosis of any of the disorders. The lab assumes that the specimen is provided from this patient only and that all patient information provided is correct.