



DEPARTMENT OF LABORATORY SERVICES

AH-QF-CMDL-G20

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|--------------|----------------------------|-------------------|-------------------|
| Patient Name | Mrs. HEMA LOHIA | Lab no | FISH-1096/2021 |
| Age / Sex | 29 Years / Female | Specimen type | FFPE TISSUE BLOCK |
| UHID / LRN | ASH1.0000495518 / 10415890 | Histopathology no | 5033 C/21 |
| Indication | CARCINOMA - RIGHT BREAST | Sample received | 23-10-2021 |
| Ref. by | Dr. RAMANAN S G | Date of report | 28-10-2021 |

FLUORESCENCE IN-SITU HYBRIDIZATION (FISH) FOR HER 2/NEU GENE AMPLIFICATION



PROBE: Abbott Vysis LSI HER-2/neu Spectrum Orange / CEP 17 Spectrum Green.

RESULT:

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| No. of cells scored | No of orange (LSI HER2) signals | No of green (CEP17) signals | LSI HER2/CEP17 ratio |
|---------------------|------------------------------------|-----------------------------|----------------------|
| 20 | 54 | 49 | 1.1 |
| | Average LSI Her2 signals/cell | | |
| | 2.7 | | |
| ISCN (2020) | nuc ish(D17Z1×1~3),(ERBB2×2~3)[20] | | |

INTERPRETATION:

NEGATIVE for HER-2/neu gene amplification by FISH.

References:

- Wolff AC, Hammond MEH, Allison KH, Harvey BE, Mangu PB, Bartlett JMS, Bilousi M, Ellis IO, Fitzgibbons P, Hanna W, Jenkins RB, Press MF, Spears PA, Vance GH, Viale G, McShane LM, Dowsett M. *Human Epidermal Growth Factor Receptor 2 Testing in Breast Cancer: American Society of Clinical Oncology/College of American Pathologists Clinical Practice Guideline Focused Update*. J Clin Oncol. 2018 Jul 10;36(20):2105-2122.
- McGowan-Jordan J, Hastings R, J., & Moore S. (2020). *ISCN 2020: An International System for Human Cytogenomic Nomenclature (2020)* (Cytogenetic and Genome Research) (1st ed.). S. Karger.

Dr. PERUMAL G
Geneticist

Dr. CHITRA CHANDRAN
Pathologist

-END OF REPORT-

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Keep the records carefully and bring them along during your next visit to our hospital

For enquires, appointments & Telemedicine consultations contact: **044 - 40401066**

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