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**Booking Date** 09/09/2022  
**Name:** Mrs. KANTA SHARMA  
**Barcode:** 11468633

**Patient ID** 012209090173  
**Age:** 71 years

**Reporting Date** 18/09/2022  
**Sex:** F

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**Ref By:** Amcare hospital

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### FISH, HER-2 NEU ONCOGENE AMPLIFICATION



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

**Disclaimer:** Cut-off for detection of amplification signal in normal individual is a ratio of 2.0. Result is considered Positive for amplification if the ERBB2: CEN 17 ratio is  $\geq 2$ , or  $< 2$  but the number of ERBB2 signals is  $\geq 6$ . 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. Lab assure can assist the physician in determining the appropriate test in the context of clinical and pathological findings.

**The lab assumes that the specimen is provided from this patient only and that all patient information provided is correct.**