

## Fluorescence in-situ Hybridization (FISH)

### HER2 (ERBB2) Amplification

Specimen :  
Block No. :  
Clinical Indication :  
Result :  
Interpretation: :

Cells Counted	60
Total Her2signals	
Total CEP-17 signals	
Her2signals mean per cell	
CEP-17 signals mean per cell	
Her2: CEP-17 ratio	

#### 2013 ASCO / CAP dual probe FISH reporting guidelines

AVERAGE HER-2 neuCOPY NUMBER	HER-2 neu : CEP 17 RATIO	REMARKS
<4 signals / cell	<2	Negative
>=4 &<6 signals / cell	<2	Equivocal
>=4 signals / cell	>=2	Positive

(move beside above table)

### Photo

- Note** : 1. ASCO 2013 recommends a fixation time of 6-72 hours in 10% neutral buffered formalin
2. For equivocal results it also recommends testing by another FISH probe ERBB2 / D17S22
- Probe** : PathVysion, Abbott Molecular Inc.

Dr Lal PathLabs