

Name	: J191	Collected	: 15/9/2017 12:17:00PM
Lab No.	: 135091317	Age: 30 Years	Gender: Male
A/c Status	: P	Ref By : Dr. UNKNWON	Report Status : Final
		Received	: 15/9/2017 1:17:11PM
		Reported	: 23/9/2017 3:08:17PM

Test Name	Results	Units	Bio. Ref. Interval
IHC MARKER(S)	RESULT		
HUMAN CHORIONIC GONADOTROPIN (HCG)	Non-immunoreactive, score 0 in neoplastic cells		

**SLIDE NO** : B/ 00000000/17  
**SPECIMEN** : Biopsy for IHC markers.  
**CLINICAL HISTORY** : Not applicable  
**GROSS** : Received 1 formalin fixed paraffin embedded block labelled as "XYZ"  
**IMPRESSION** : **No evidence of granuloma or malignancy seen.**

#### INTERPRETATION

RESULT	SCORE
Non immunoreactive	0
Immunoreactive in 1-25 % cells	1+
Immunoreactive in 26-50% cells	2+
Immunoreactive in 51-75% cells	3+
Immunoreactive in 76-100% cells	4+

#### COMMENTS

Human Chorionic Gonadotropin (HCG) is a glycoprotein, which is secreted in large quantities by normal trophoblasts. It is present only in trace amounts in non-pregnant urine and sera but rises sharply during pregnancy. HCG is composed of two non-identical, non-covalently linked polypeptide chains designated as the alpha-and Beta-subunits. The alpha-subunit of HCG is nearly identical to that of thyroid stimulating hormone (TSH), follicle stimulating hormone (FSH), and luteinizing hormone (LH). A germ cell tumor which is positive for cytokeratin, placental alkaline phosphatase (PLAP), and HCG but negative for EMA and AFP is probably a choriocarcinoma.

#### NOTE

1. Detection system used is Polymer HRP
2. The impression is based on the material submitted and is not a complete surgical pathology report.
3. False negative IHC results due to inadequate fixation of the material sent for evaluation cannot be excluded.

#### FIXATION REQUIREMENTS

- The volume of formalin fixative should be atleast 10 times the volume of the specimen.



LPL - LPL-ROHINI (NATIONAL REFERENCE  
LAB)  
SECTOR - 18, BLOCK -E ROHINI  
DELHI 110085

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	<ul style="list-style-type: none"><li>Decalcification solutions with strong acids should not be used.</li><li>Specimens should be immersed in fixative within 1 hour of the biopsy/resection procedure (time of removal &amp; time of immersion to be mentioned).</li><li>In all resection (large) specimens, the tumour must be bisected prior to immersion in fixative</li></ul>		

DR. HEMA MALINI AIYER  
MD (PATH)  
NATIONAL HEAD - HISTOPATHOLOGY

-----End of report-----

