

## IMMUNOHISTOCHEMISTRY, PROLACTIN

IHC MARKER	RESULT
PROLACTIN	

SLIDE NO :

SPECIMEN:

CLINICAL HISTORY :

GROSS:

IMPRESSION:

ADVISED:

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

**Prolactin** secreting tumors or Prolactinomas comprise nearly 80% of functioning Pituitary tumors and about 40-50% of all Pituitary adenomas. The diagnosis of Prolactinoma is confirmed by Immunohistochemical staining for Prolactin. A dot like staining pattern is seen near the nucleus indicating hormone localization in the golgi complex. The most frequent plurihormonal adenomas are Mixed Growth hormone / Prolactin secreting adenomas.

## 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

- A. The volume of formalin fixative should be atleast 10 times the volume of the specimen.
- B. Decalcification solutions with strong acids should not be used.
- C. Specimens should be immersed in fixative within 1 hour of the biopsy / resection procedure (time of removal & time of immersion to be mentioned)
- D. In all resection (large) specimens, the tumour must be bisected prior to immersion in fixative.