Prolactin
Catalog # MS-9083-P0, -P1, or -P (0.1ml, 0.5ml, or 1.0ml at 200ug/ml)
Catalog # MS-9083-R7 (7.0ml)

INTENDED USE:

• **For In Vitro Diagnostic Use:** This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.

• **Description:** Prolactin is a pituitary hormone involved in the stimulation of milk production, salt and water regulation, growth, development and reproduction. Prolactin producing cells make up approximately 20 per cent of the pituitary.

• **Expected Staining Pattern:** Cytoplasmic

• **Positive Control:** Pituitary gland

MATERIALS PROVIDED:

*Prolactin (refer to catalog number):*

- #MS-9083-P (or -P0, -P1): 200ug/ml of antibody purified from ascites. Prepared in 10mM PBS, pH 7.4, with 0.2% BSA and 0.09% sodium azide.
- or
- #MS-9083-R7: (7.0ml) of antibody prediluted in 0.05mol/L Tris-HCl, pH 7.6 containing stabilizing protein and 0.015mol/L sodium azide.
- or
- #MS-9083--PCS: 5 positive control slides.

• **Antibody Concentration:** 200ug/ml

• **Host:** Mouse

• **Mol. Wt. of Antigen:** 23.5kD

• **Species Reactivity:** Human. Others not tested.

• **Clone Designation:** SPM108

• **Ig Isotype / Light Chain:** IgG1/kappa

• **Immunogen:** Purified human prolactin

• **Microbiological State:** This product is not sterile.

MATERIALS REQUIRED, BUT NOT PROVIDED:

• **Antibody Diluent:** For concentrated antibodies, the antibody must be diluted before using. Use Lab Vision Antibody Diluent (catalog # TA-125-UD). Refer to diluent product instructions for use.

• **Negative Control Reagent:** Refer to the “General Protocol” instructions.

• **Visualization System:** Refer to the “General Protocol” instructions.

METHODS AND PROCEDURES:

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<th>Specimen Preparation</th>
<th>Refer to the “General Protocol” instructions.</th>
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<tr>
<td>Dilution of Concentrated Antibody</td>
<td>1:400 – 1:1800 in antibody diluent</td>
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<tr>
<td>Tissue Section Pretreatment</td>
<td>Staining of formalin-fixed tissue sections requires treating the tissue sections in boiling 10mM citrate buffer, pH 6.0 (Lab Vision catalog # AP-9003), for 10-20 minutes followed by cooling at room temperature for 20 min.</td>
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<td>Primary Antibody Incubation Time</td>
<td>Use Ab for 20 minutes at RT using the LP system, for 30 minutes at RT using the UltraVision or UltraVision ONE detection systems</td>
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<td>Visualization</td>
<td>To detect antibody, follow the instructions provided with the visualization system.</td>
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STORAGE and STABILITY:
This product contains sodium azide and is stable for 24 months when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.