

# ANTIGENIX AMERICA, INC.

## PRODUCT INFORMATION SUMMARY

### Matched Antibody Pair Anti-Human-Prolactin

PRODUCT No. MP100555

Purified Antibody (Capture)	MP100555C	0.5 mg
HRP Conjugate (tracer)	MP100555T	200 uL

#### SPECIFICITY:

Human Prolactin (PRL). These murine monoclonal antibodies react with both native and recombinant human Prolactin molecules and recognize different antigenic determinants.

#### GENERAL PROCEDURE:

A laboratory qualified, matched monoclonal antibody pair for ELISA development is provided. One purified, lyophilized, antibody for "Capture" and HRP labeled "Tracer" antibody, liquid concentrate.

**Capture:** Reconstitute with 1.0 mL distilled water.

1) Further dilute in 0.05M Carbonate buffer, pH 9.5, (or similar coating buffer supplied by customer) to suggested coating concentration of 4.0 - 5.0 ug/mL (customer may have to optimize).

**Note:** reagents contain no preservatives. For long-term storage of unused portion, freeze small aliquots and store at -20°C. (at high concentration)

2) Coat microwells at 100 uL per well.

3) Incubate at 4°C overnight. Wash with 0.01M PBS, Tween-20. Dry with absorbent paper.

4) Use 200 uL per well coating stabilizer (ANTIGENIX cat. no. EA150

5) Incubate at 37°C for 2 hours. Dump contents, dry with absorbent paper.

**NOTE:** This general procedure is provided as a guideline only. Customer may use similar procedures that are optimized to the customer's requirements.

**Tracer: (provided as Liquid concentrate, containing 50% glycerol)  
STORE FROZEN @ -20 Deg. C.**

1) Further dilute in appropriate conjugate diluent to optimized concentration (approx. 1:1000 - 1:1500 ; optimize). The working dilution will vary depending on assay conditions and must be determined by customer. Store conjugate at -20 Deg. C. (Frozen)

2) After samples or standards (100 uL) are added to each microwell, and incubated, washed, etc., according to customer's protocol, dispense approximately 2 drops of diluted conjugate (**tracer**) into each microwell, cover and incubate at room temp. for 60 minutes.

3) Wash the plate five times with wash solution. Add 100 uL of TMB substrate solution, cover and incubate 15 minutes at room temperature. Add 100 uL stop solution to each microwell.

4) Absorbance (HRP) is read at 450 nm within 30 minutes.

**RESEARCH USE ONLY  
NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE.**

**PROLACTIN MATCHED PAIR ( p.2)**

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