

## CERTIFICATE OF ANALYSIS

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** A01467H **Lot #:** 1J29422

**Description:** Human Prolactin Recombinant  
Accession No.: Prolactin II (Q5THQ0)

**Source:** *E. coli*

**Format:** Purified, Lyophilized

**Reconstitution:** Reconstitute using distilled water.

**Purification:**  $\geq 95\%$  Pure (SDS-PAGE<sup>14%</sup>). Ion Exchange Chromatography  
Product is 0.2  $\mu$ m filtered prior to lyophilization; Bioburden < 10 CFU/mL.

**Concentration:** Protein Content: 1000  $\mu$ g/vial (Bradford)  
Specific Activity: Positive (CLIA Bayer Centaur)

**Buffer:** 0.45% (w/v) Sodium Chloride, 0.4% (w/v) Sodium Phosphate, 3% (w/v) Trehalose, 0.3% (w/v) Arginine,  
0.01% (v/v) Tween 20, pH 6.99.

**Preservative:** None


**Applications:** Suitable for use in Chemiluminescent Immunoassay. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

**Storage:** Store at -20°C. Aliquot to avoid multiple freeze/thaw cycles.

**Inactivation:** Not Applicable

**Warnings:** None

Quality Signature:



20 Oct 2022

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**