

Mouse Prolactin-8A8 ELISA Kit | Prl8a8 elisa kit

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CATALOG #
AAA56282

REACTIVITY
Mouse

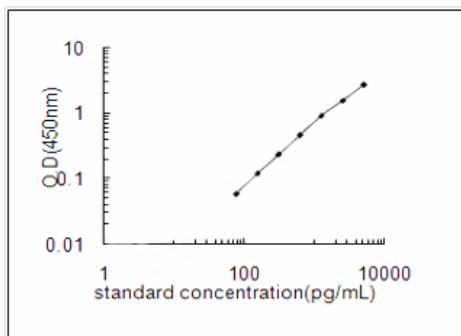
PRODUCT SYNONYMS

Prolactin-8A8; Mouse Prolactin-8A8 ELISA Kit; Prl8a8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural Mouse Prolactin-8A8. No significant cross-reactivity or interference was observed.
Sequence Length	240
Assay Type	Competitive
Detection Range	78-5000 pg/mL
Sensitivity	39.7 pg/mL
Intra-Assay CV	<=6.9%
Inter-Assay CV	<=8.8%
Recovery	89%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Prl8a8 elisa kit	Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Prolactin-8A8. During the reaction, Prolactin-8A8 in the sample or standard competes with a fixed amount of biotin-labeled Prolactin-8A8 for sites on a pre-coated Monoclonal antibody specific to Prolactin-8A8. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Prolactin-8A8 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	902763301
NCBI GeneID	74188
NCBI Accession #	NP_001298054.1
NCBI GenBank Nucleotide #	NM_001311125.1
UniProt Accession #	Q9DAS4; Q8VHE8
Molecular Weight	28,050 Da
NCBI Official Full Name	prolactin-8A8 isoform 1 precursor
NCBI Official Synonym Full Names	prolactin family 8, subfamily a, member 81
NCBI Official Symbol	Prl8a8
NCBI Official Synonym Symbols	Ghd14; Prlpc3; PLP-Cgamma; 1600032B14Rik
NCBI Protein Information	prolactin-8A8
UniProt Protein Name	Prolactin-8A8
UniProt Gene Name	Prl8a8
UniProt Synonym Gene Names	Prlpc3; PLP-C3; PRL-like protein C3; PLP C-gamma
UniProt Entry Name	PR8A8_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/prl8a8-mouse-elisa-kits/prolactin-8a8/56282>