

Human Placental Lactogen ELISA Kit | PL elisa kit

Human Placental Lactogen ELISA Kit

CATALOG #
AAA17614

REACTIVITY
Human

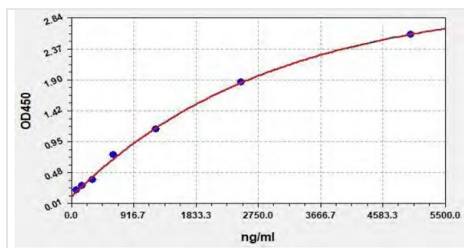
PRODUCT SYNONYMS

Placental Lactogen; Human Placental Lactogen ELISA Kit; PL/Chorionic somatomammotropin hormone/Lactogen/Placental lactogen/Choriomammotropin/CSH1/CSMT/Lactogen/Choriomammotropin/chorionic somatomammotropin hormone/chorionic somatomammotropin hormone 1 (placental lactogen)/CS-1/CSAchorionic somatomammotropin A/CSH2/CSMT/FLJ75407/hCS-A/Lactogen/lactogen/Placental lactogen/PLchoriomammotropin; PL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PL. No significant cross-reactivity or interference between PL and analogues was observed.
Sequence Length	217
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	78.125-5000ng/ml
Sensitivity	46.875ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PL elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	190034
NCBI GeneID	1442
Molecular Weight	25,020 Da
NCBI Official Full Name	placental lactogen
NCBI Official Synonym Full Names	chorionic somatomammotropin hormone 1
NCBI Official Symbol	CSH1
NCBI Official Synonym Symbols	PL; CSA; CS-1; CSMT; GHB3; hCS-1; hCS-A
NCBI Protein Information	chorionic somatomammotropin hormone 1
UniProt Protein Name	Chorionic somatomammotropin hormone 1
UniProt Gene Name	CSH1
UniProt Synonym Gene Names	Choriomammotropin; PL
UniProt Entry Name	CSH1_HUMAN

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://stage.aaabiotech.com/pl-human-elisa-kits/placental-lactogen/17614>