

# Human chorionic somatomammotropin hormone 1 (placental lactogen) ELISA Kit | CSH1 elisa kit

Human placenta lactogen, HPL ELISA Kit

CATALOG #  
**AAA80417**

REACTIVITY  
**Human**

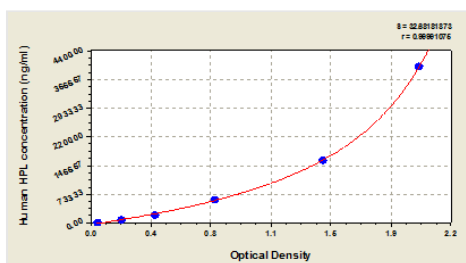
## PRODUCT SYNONYMS

chorionic somatomammotropin hormone 1 (placental lactogen); Human placenta lactogen; HPL ELISA Kit; CSA; CSMT; FLJ75407; PL; CS-1; choriomammotropin; chorionic somatomammotropin A; chorionic somatomammotropin hormone 1; hCS-A; placental lactogen; CSH1 elisa kit

## PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                     |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Human CSH1. No significant cross-reactivity or interference between Human CSH1 and analogues was observed.                                                                                                                                     |
| Samples                 | Serum, plasma                                                                                                                                                                                                                                                                                                             |
| Detection Range         | 80 ng/ml-4000 ng/ml                                                                                                                                                                                                                                                                                                       |
| Sensitivity             | 100 ng/ml                                                                                                                                                                                                                                                                                                                 |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV% is less than 8%<br>Three samples of known concentration were tested twenty times on one plate to assess.<br>Inter-assay Precision (Precision between assays): CV% is less than 10%<br>Three samples of known concentration were tested in twenty assays to assess. |
| Detection Wavelength    | 450 nm                                                                                                                                                                                                                                                                                                                    |
| Sample Volume           | 50-100ul                                                                                                                                                                                                                                                                                                                  |
| Preparation and Storage | Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.                                                                                                                                                                                         |

## IMAGES



Standard Curve (Sample)

## ADDITIONAL INFORMATION

### Related Product Information for CSH1 elisa kit

**Principle of the Assay:** The microtiter plate provided in this kit has been pre-coated with an antibody specific to HPL. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated antibody and incubated. Then substrate solutions are 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 HPL in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

|                                  |                                                            |
|----------------------------------|------------------------------------------------------------|
| NCBI GI #                        | 130299                                                     |
| NCBI GeneID                      | 1442                                                       |
| UniProt Accession #              | P01243; P0DML2                                             |
| NCBI Official Synonym Full Names | chorionic somatomammotropin hormone 1 (placental lactogen) |
| NCBI Official Symbol             | CSH1                                                       |
| NCBI Official Synonym Symbols    | PL; CSA; CS-1; CSMT; hCS-1; hCS-A                          |
| NCBI Protein Information         | chorionic somatomammotropin hormone 1                      |

**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.

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Online datasheet: <https://www.aaabiotech.com/csh1-human-elisa-kits/chorionic-somatomammotropin-hormone-1-placental-lactogen/80417>