

# Human Chorionic Gonadotrophin, HCG ELISA Kit | hCG elisa kit

Human Chorionic Gonadotrophin, HCG ELISA Kit

CATALOG #  
**AAA80601**

REACTIVITY  
**Human**

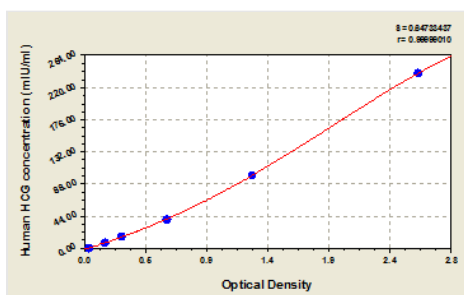
## PRODUCT SYNONYMS

Chorionic Gonadotrophin; HCG; Human Chorionic Gonadotrophin; HCG ELISA Kit; hCG elisa kit

## PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                               |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of human HCG. No significant cross-reactivity or interference between human HCG and analogues was observed. |
| Sequence Length         | 629                                                                                                                                                                                 |
| Assay Type              | Quantitative Sandwich                                                                                                                                                               |
| Samples                 | Serum, plasma, urine, cell culture supernates                                                                                                                                       |
| Detection Range         | 8 mIU/ml -240 mIU/ml                                                                                                                                                                |
| Sensitivity             | < 2 mIU/ml                                                                                                                                                                          |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV%<15%. Three positive samples were tested twenty times on one plate to assess.                                                 |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): CV%<15%. Three positive samples were tested in twenty assays to assess.                                                           |
| 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 hCG elisa kit

**Principle of the Assay:** This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for HCG has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated antibody specific for HCG. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of HCG bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

|                            |                    |
|----------------------------|--------------------|
| NCBI GI #                  | 20138396           |
| UniProt Accession #        | Q9NFL4             |
| Molecular Weight           | 71,811 Da          |
| NCBI Official Full Name    | Hemocyanin G chain |
| UniProt Protein Name       | Hemocyanin G chain |
| UniProt Gene Name          | HCG                |
| UniProt Synonym Gene Names | HcG                |
| UniProt Entry Name         | HCYG_APHCL         |

**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](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/chorionic-gonadotrophin-hcg/80601>