

# Free beta-CG (Human) ELISA Kit

Catalog # KA6711

Size 1 Kit

## Specification

<b>Product Description</b>	Free beta-CG (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of free beta-chorionic gonadotropin in serum and plasma.
<b>Suitable Sample</b>	Serum and plasma.
<b>text</b>	50 uL
<b>Assay Type</b>	Quantitative
<b>Calibration Range</b>	0.2 -200 ng/mL
<b>Regulatory Status</b>	For research use only (RUO)
<b>Storage Instruction</b>	Store the kit at 4°C.

## Applications

- Functional Study

## Gene Info — CGB

<b>Entrez GeneID</b>	<a href="#">1082</a>
<b>Gene Name</b>	CGB
<b>Gene Alias</b>	CGB3, hCGB
<b>Gene Description</b>	chorionic gonadotropin, beta polypeptide
<b>Omim ID</b>	<a href="#">118860</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>

**Gene Summary**

This gene is a member of the glycoprotein hormone beta chain family and encodes the beta 3 subunit of chorionic gonadotropin (CG). Glycoprotein hormones are heterodimers consisting of a common alpha subunit and an unique beta subunit which confers biological specificity. CG is produced by the trophoblastic cells of the placenta and stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy. The beta subunit of CG is encoded by 6 genes which are arranged in tandem and inverted pairs on chromosome 19q13.3 and contiguous with the luteinizing hormone beta subunit gene. [provided by RefSeq]

**Other Designations**

chorionic gonadotropin beta 3 subunit|chorionic gonadotropin beta chain|chorionic gonadotropin beta subunit

**Disease**

- [Abortion](#)
- [Genetic Predisposition to Disease](#)