

Chorionic Gonadotropin Human

Item Number	rAP-2536
Synonyms	Chorionic gonadotropin, hCG, CG.
Description	Human Chorionic Gonadotropin is produced from a sterile preparation of placental glucoprotein urine of pregnant women having a total molecular mass of 36,700 Dalton. The hCG consists of 237 amino acids, a chain-92 amino acids and b chain-145 amino acids. The hCG is purified by proprietary chromatographic
Uniprot Accession Number	
Amino Acid Sequence	
Source	Urine of pregnant women.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized hCG although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CG-beta should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Formulation and Purity	The hCG was lyophilized with no additives.
Application	
Solubility	It is recommended to reconstitute the lyophilized Human Chorionic Gonadotropin in sterile 18MΩ-cm H2O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	The activity was found to be 5616IU/mg.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**