

**Product:** Chorionic Gonadotropin (hCG), human  
**Catalog #:** 12-4206  
**Amount:** 500 µg

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**DESCRIPTION:** hCGG is produced from a sterile preparation of placental glucoprotein urine of post-menopausal women having a total molecular mass of 36,700 Dalton.  
hCG consists of 237 amino acids, α chain-92 amino acids and β chain-145 amino acids.  
The hCG is purified by proprietary chromatographic techniques.

**SOURCE:** Urine of postmenopausal women

**PURITY:** > 98%, as determined by:  
(a) Analysis by RP-HPLC and Anion-exchange FPLC.  
(b) Analysis by reducing and non-reducing SDS-PAGE Silver Stained gel.

**PROTEIN CONTENT:** Protein quantitation was carried out by 2 independent methods:  
- UV spectroscopy at 280 nm  
- Analysis by RP-HPLC, using a standard solution of hCG as a Reference Standard

**FORM:** Purified, in 0.1 % BSA

**STORAGE:** -20°C (aliquot), avoid freezing and thawing cycles

**BIOLOGICAL ACTIVITY:** hCG is biologically active compared to standard (IRP reference preparation 75/551).  
The activity was found to be 5000IU/mg.

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