

Native Human Chorionic Gonadotropin

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| Catalog No. | CRC101A CRC101B CRC101C | Quantity: | 2.5 mg 5 mg 10 mg |
| Alternate Names: | HCG, CG-alpha, CGB3, CGB5, CGB7, CG-beta, FSH-alpha, GPH-alpha, ICSH-alpha, LSH-alpha, TSH-alpha | | |
| Description: | Native human Chorionic Gonadotropin consists of 237 amino acids including a 92 amino acids alpha chain and a 145 amino acids beta chain. | | |
| Source: | Urine of pregnant women | | |
| Molecular Weight: | 36.7 kDa | | |
| Formulation: | Lyophilized from a sterile filtered solution without additives | | |
| Purity: | > 98.0% as determined by analysis by RP-HPLC and SDS-PAGE analyses | | |
| Endotoxin Level: | < 0.1 ng/µg of HCG | | |
| Biological Activity: | The activity was found to be 5000 IU/mg (IRP reference preparation 75/551). | | |
| Reconstitution: | Centrifuge vial prior to opening. First add sterile water to the vial to fully solubilize the protein to a concentration not less than 100 µg/ml. After complete solubilization of the protein, it can be further diluted to other aqueous solutions. | | |
| Storage & Stability: | Store lyophilized protein at -20°C to -80°C. Reconstituted protein is stable for 1 week at 2-4°C. For long term storage, aliquot and store at -20°C to -80°C with a carrier protein (0.1% HSA or BSA) as a stabilizer. Please note that the addition of any carrier protein into this product may produce unwanted endotoxin. This depends upon the particular application employed. Avoid repeated freeze-thaw cycles. | | |
| Certification: | Free of: HbsAg, Hepatitis B surface antigen and antibodies to HIV, Hepatitis C and HCV. | | |

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