

Chorionic Gonadotropin (β -hCG), β Subunit

Catalog	Unit
TBP0252-50	50 UG
TBP0252-100	100 UG
TBP0252-500	500 UG

Description

Beta-Human Chorionic Gonadotropin (β -hCG) is a glycoprotein hormone primarily produced by the placenta during pregnancy and is normally detected in the blood and urine of pregnant women. In addition to its physiological role, β -hCG can be ectopically produced by certain malignant tumors. Elevated β -hCG concentrations may be associated with germ cell tumors of the testis and ovary, gestational trophoblastic disease, and, less commonly, malignancies of the liver, stomach, pancreas, lung, and several other organs. As a result, β -hCG is widely used as a tumor marker to assist in cancer diagnosis, evaluate treatment response, and monitor disease recurrence.

Product Details

Source: Human Pregnancy Urine

Purity: > 98%

Form: Powder

Protein: > 1 mg/mg solid (ELISA)

Formulation: Lyophilized powder from 50 mM ammonium bicarbonate.

Reconstitution: Reconstitute using neutral pH buffer of choice, avoiding extreme high and low pH.

Recertification: 5 years

Molecular Weight: 22,200

Synonyms: Choriogonadotropin subunit beta, b-HCG, beta human chorionic gonadotropin, CG-beta

Storage: 2-8°C

For research use only