Datasheet for ABIN1326845

hCG ELISA Kit

1 Publication

Go to Product page

Overview

Quantity:	96 tests
Target:	hCG
Reactivity:	Human
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details

Purpose:	The hCG is a direct solid phase sandwich ELISA method. The samples and diluted anti-hCG-HRP conjugate are added to the wells coated with Mab to beta subunit.
Analytical Method:	Quantitative
Detection Method:	Colorimetric

Target Details

Target:	hCG
Alternative Name:	hCG (hCG Products)
Target Type:	Hormone
Background:	Human Chorionic Gonadotropin (hCG) is a 40 kD glycoprotein hormone secreted by the placenta. hCG has two subunits, alpha and beta. The alpha subunit is similar to the alpha subunit found in LH, FSH and TSH glycoprotein hormones. However, the beta subunit is specific and differs from hormone to hormone.The serum hCG rises in early pregnancy to concentrations of 50,000-150,000 mIUml between the 8th and 12th weeks of gestation and

Target Details

	decline to 20,000 mIUml by the 18th week where they remain for the duration of the pregnancy. The increased level of hCG in non-pregnant women or men suggest neoplsia. Thus hCG measurement is useful for the recognition and monitoring of chorionic tumors and as a tumor marker for other malignancies that produce hCG ectopically. These include testicular, pancreatic and bronchogenic pulmonary cancers. The sensitivity of this ELISA test is 0.5mIUml.

Application Details

Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	4 °C

Publications

Product cited in:	Horii, Moretto-Zita, Nelson, Li, Parast: "MTA3 regulates differentiation of human cytotrophoblast stem cells." in: **Placenta**, (2015) (PubMed).