

Datasheet for ABIN996923 hCG ELISA Kit



[Go to Product page](#)

Overview

Quantity:	96 tests
Target:	hCG
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0-300 mIU/mL
Minimum Detection Limit:	0 mIU/mL
Application:	ELISA

Product Details

Purpose:	For the qualitative determination of hCG in human serum or urine.
Sample Type:	Serum
Analytical Method:	Qualitative
Detection Method:	Colorimetric
Specificity:	96%
Sensitivity:	20 MIU/mL

Target Details

Target:	hCG
Alternative Name:	hCG (hCG Products)
Target Type:	Hormone

Target Details

Background: Human chorionic gonadotropin (hCG) is a glycoprotein hormone secreted by the developing placenta shortly after fertilization. In normal pregnancy, hCG can be detected in serum as early as 7 days following conception, doubling every 1.3 to 2 days. At the time of the first missed menstrual period, serum hCG concentration is about 100 mIU/ml, and peak levels of 100,000~200,000 mIU/ml are seen at the end of the first trimester. The appearance of hCG soon after conception and its subsequent rise in concentration during early gestational growth make it an excellent marker for the early detection of pregnancy. Elevated serum hCG levels comparable to those observed in early pregnancy may also be associated with trophoblastic or nontrophoblastic neoplasms such as hydatidiform mole, choriocarcinoma, therefore, the possibility of such diseases should be ruled out before a positive hCG result is considered diagnostic for pregnancy. The hCG Visual Test Kits is a rapid test to detect the presence of hCG in urine or serum specimens in a qualitative format.

Application Details

Sample Volume:	10 μ L
Assay Time:	0.5 h
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	4 °C
Expiry Date:	12-14 months