



Human Chorionic Gonadotropin (HCG) Diagnostic Kit



HCG (human Chorionic Gonadotropin) 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. The concentration of HCG frequently exceeds 100mIU/ml by the first missed menstrual period and peaking in the 15-200,000mIU/ml ranging from 10-12 weeks into pregnancy.

Clinical Use of [Best Home HCG Test](#)

Diagnosis of pregnancy

To know the development condition of embryo and fetus

Assistant diagnosis of ectopic pregnancy and threatened abortion

Tumor diagnosis and treatment monitoring of sertoli cell

Parameters

Specimen	Urine/Serum/Plasma
Specimen volume	80µl
Cut off	25mIU/ml
Linear range	25-2000mIU/m
Precision	CV<15%
Accuracy	Relative deviation <20%
Interpretation time	10min
Test time	15s
Comparison	Compared with Beckmancoulter Access CLIA analyzer, linear correlation $R^2=0.922$, $P<0.05$, with significant agreement

Application

Outpatient Clinic, clinical laboratory, Gynecology Dept

Tel: 86-21-68129666

Fax: 86-21-68129222

Web site: www.chemtronbio.com

E-mail: international@chemtronbio.com