



## 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](http://www.chemtronbio.com)

E-mail: [international@chemtronbio.com](mailto:international@chemtronbio.com)