

## hCG Pregnancy Cassette TEST



HCG (Human Chorionic Gonadotropin), also called the pregnancy hormone, is made by cells formed in the placenta, which nourish the egg after it has been fertilized and becomes attached to the uterine.

As hCG appears shortly after conception both in serum and urine, the increase in concentration during the early stages of pregnancy provides this hormone as a perfect marker for the early determination of pregnancy. The measurement of hCG levels is important for identifying a normal pregnancy and pathologic pregnancy and can also be helpful following an aborted pregnancy.

HCG is a glycoprotein with 46 kDa molecular mass composed of 2 subunits: alpha (αhCG) and beta (βhCG) units. The beta subunit is unique to the hCG protein and is bigger than the alpha subunit, while the alpha subunit is identical to that for luteinizing hormone (LH), follicle-stimulating hormone (FSH), and thyroid-stimulating hormone (TSH).

### INTENDED USE

Turklab's hCG Pregnancy Cassette Test is a rapid, immunochromatographic assay for the qualitative detection of human chorionic gonadotropin (hCG) hormone in human urine/serum to indicate pregnancy for professional use.

- Has been standardized to WHO International Standard.
- There is no Hook Effect (Measurement range up to 200.000 mIU hCG/mL)
- Accurate results with both urine and serum samples.

### PERFORMANCE EVALUATION

- Sensitivity: 99,28%
- Specificity: 100%



PRODUCT	TEST TYPE	SAMPLE TYPE	READING TIME	KIT SIZE	KIT COMPONENTS
hCG PREGNANCY	CASSETTE	SERUM / URINE	10 Min.	40-100	Test cassette+ pipette + instructions for use.