

INTEX[®]-GRAVI-HCG Test

Specific One-Step hCG pregnancy test

Fast and reliable Diagnosis!

The INTEX[®]-GRAVI-HCG Test is a rapid and sensitive chromatographic immunoassay for the qualitative detection of human chorionic gonadotropin (hCG) in urine. The test is for the early detection of pregnancy.

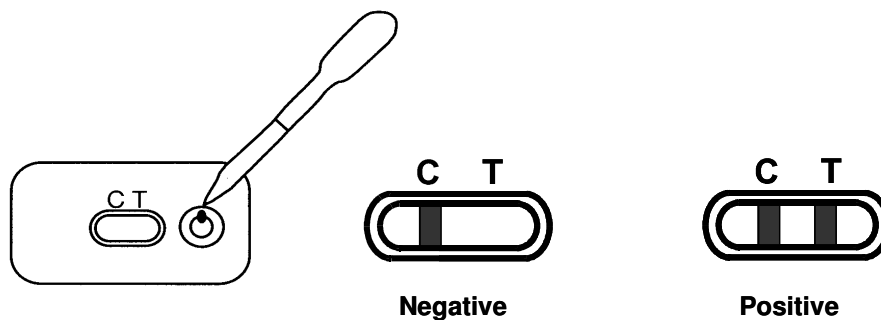
Your advantages

- **High sensitivity: 20 mIU/mL**
- **High specificity**
- **No additional reagents**
- **Necessary amount of urine: 0.2 mL**
- **Easy handling**
- **Reliable results in 2-5 minutes**
- **Storage at room temperature up to 18 months**
- **Built-in test controls**



Test procedure

- ① Remove the test device from its pouch. Place the test device on a clean and level surface.
- ② Draw the urine sample with the pipette and dispense it into the sample well.
- ③ Read the result after 2 to 5 minutes.



Performance data

Sensitivity

The INTEX[®]-GRAVI-HCG Test detects hCG in urine at a concentration of ≥ 20 mIU/mL. The analytical sensitivity has been approved by hCG standards which are calibrated according to the international reference preparation of the WHO (1. IRP 75/537). False negative results with a very high hCG concentration (Hook effect) could not be observed at a concentration up to 600'000 mIU/mL.


For the determination of the diagnostic sensitivity following analysis have been made: Urine samples of 5 non-pregnant women have been aerated with hCG concentrations of 0, 10, 20, 40 and 100 mIU/mL. 100 of these urine samples have been tested in a blind test with the INTEX[®]-GRAVI-HCG Test. The results are summarized in the table below:

| hCG-concentration (mIU/mL) | 0 | 10 | 20 | 40 | 100 |
|----------------------------|----|----|----|----|-----|
| Amount of Samples | 20 | 20 | 20 | 20 | 20 |
| Negative | 20 | 10 | 0 | 0 | 0 |
| Positive | 0 | 10 | 20 | 20 | 20 |

Specificity

For the determination of specificity, urine samples with structural similar proteins have been tested with the INTEX[®]-GRAVI-HCG Test. No cross reactions have been detected at the mentioned concentrations:

| | |
|--------------------------------------|------------------|
| Luteinizing Hormone (LH): | 300 mIU/mL |
| Follicle-stimulating Hormone (FSH): | 1000 mIU/mL |
| Thyroidea-stimulating Hormone (TSH): | 1000 μ IU/mL |

| | | |
|------------------------------------|---|------------|
| INTEX[®]-GRAVI-HCG |  | REF |
| | 1 test cassettes | GH3301 |
| | 2 test cassettes | GH3302 |
| | 10 test cassettes | GH3310 |
| | 30 test cassettes | GH3330 |



INTEX[®]
Diagnostika

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