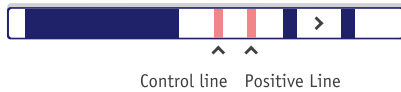


### Positive



### Negative

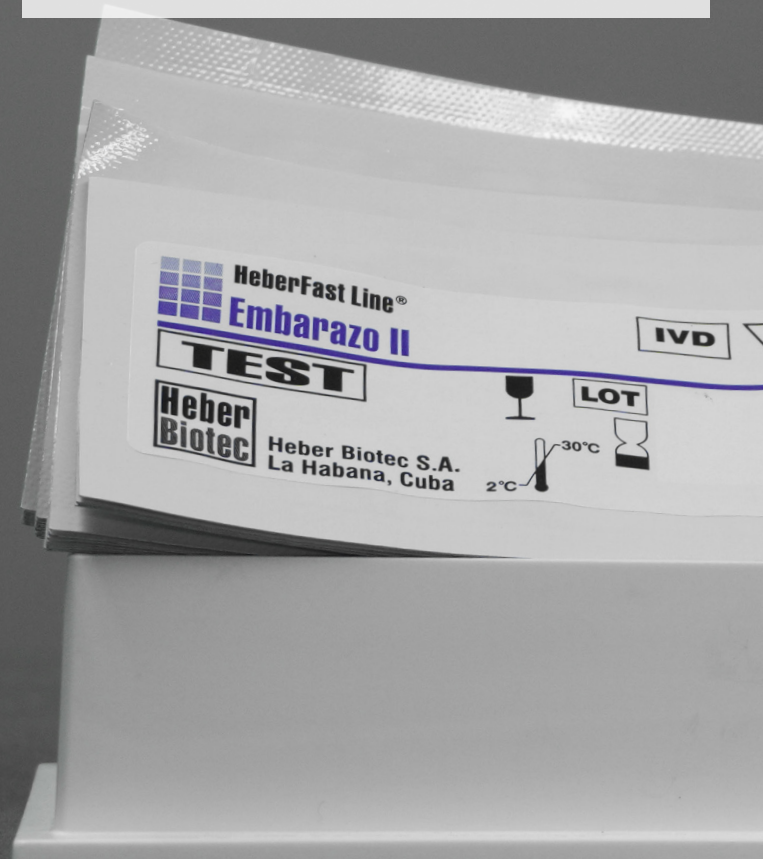


### No valid



# HeberFast Line<sup>®</sup> Embarazo II

TEST FOR DIAGNOSIS  
OF PREGNANCY



#### Center for Genetic Engineering and Biotechnology

Distinctive company of Cuban biotechnology which develops, produces, markets and exports innovative products, for key areas of the biomedical, veterinary, agricultural, aquaculture and industrial sectors, for one health. It has a portfolio of research and development (R&D) projects and products, protected by patents. Its more than 30 products marketed in more than 35 countries, include first and only drugs of its kind, to treat diseases that do not have other effective therapeutic solutions. Several of its medicines are inserted into national programs to offer comprehensive health care. We work with social responsibility and in harmony with the environment.

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SIMPLE, FAST AND  
RELIABLE METHOD



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# HeberFast Line<sup>®</sup> Embarazo II

Test for  
Diagnosis of  
Pregnancy

## SIMPLE, FAST AND RELIABLE METHOD

- **HEBERFAST LINE<sup>®</sup> EMBARAZO II** IS A QUALITATIVE IMMUNOCHROMATOGRAPHIC REACTIVE STRIP WITH SPECIFIC MONOCLONAL ANTIBODIES AGAINST THE HORMONE HUMAN CHORIONIC GONADOTROPIN AND COLLOIDAL GOLD AS A MARKER, TO IMMERSIVE IN A URINE SAMPLE, FROM THE FIRST DAY OF AMENORRHEA.
- **HEBERFAST LINE<sup>®</sup> EMBARAZO II** OFFERS THE RESULT IN ONLY 5 TO 10 MINUTES.

### PRESENTATION

- Case containing 50 test strips, individually packaged in aluminum bags, next to a desiccant sachet. Each kit also contains instructions for use.
- Case containing 200 test strips, packaged in 40 aluminum bags, each containing 5 test strips, together with a desiccant sachet. In addition, each kit contains instructions for use, and a nylon bag with zipper to store unused strips after opening the aluminum bag.

### STORAGE CONDITIONS

**HeberFast Line<sup>®</sup> Embarazo II** test can be stored from 2 to 30 °C in its sealed aluminum bag until the expiry date stated on the packaging.

Strips not used immediately after opening the sealed aluminium bag should be stored at 2 to 30 °C in the nylon zippered bag supplied with the desiccant sachet for a maximum of 7 days. After this time, the unused strips should be discarded.

Do not freeze the bags containing the strips.

### INDICATION

**HeberFast Line<sup>®</sup> Embarazo II** is recommended for the detection of the hormone human chorionic gonadotropin (hCG) in the urine or serum of pregnant women. This hormone is normally produced by the placental cells of pregnant women, and in normal pregnancies increase from 5 to 50 IU/L in the first week of egg fertilization, reaching an average of 100 IU/L on the first day of amenorrhea. Maximum hormone levels (100,000 to 200,000 IU/L) are reached by the end of the first trimester of pregnancy.

### FUNCTIONING OF THE TEST

When one end of the test strip is inserted into the urine sample, the urine sample begins to move within the test strip, and the hCG reacts with the colloidal gold-labeled monoclonal antibody conjugate, forming an antigen-antibody complex. This immunocomplex moves towards the test strip results window and reacts with a second monoclonal antibody (anti-hCG) fixed to the solid phase, then forming a first coloured horizontal line (positive line).

In the absence of hCG in the urine sample, this positive line is not formed. At the same time, the excess conjugate, not trapped in the positive line, continues to move, and is captured in an area above it, forming a second horizontal coloured line (control line), as a demonstration that the reagents have functioned correctly. The control line is formed both with samples containing hCG and with those that do not contain hCG.