

Fanttest

CE

Luteinizing hormone (LH) Rapid Test

For the qualitative measurement of luteinizing hormone (LH) levels in human urine.



Methodology

Using the principle of double antibody sandwich method.



Operation

No equipment required, no specialist training, easy to interpret.



Detection

The detection is fast. Results can be interpreted in 3 minutes for urine tests.



Sensitivity

The minimum detection is 25 mIU/ml.



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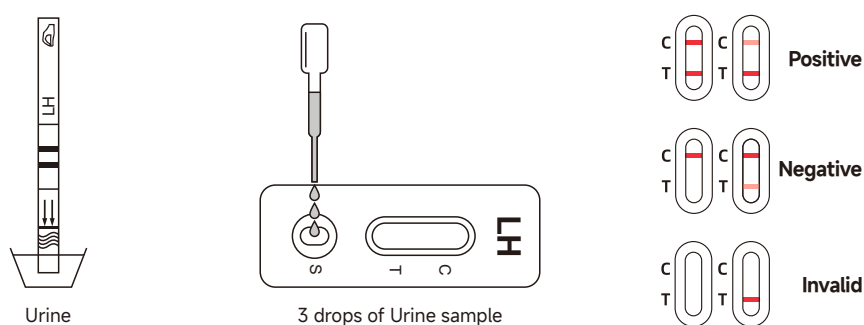
Product background

Luteinizing hormone (LH) is a hormone whose levels vary cyclically with a woman's menstrual cycle, and its role is to stimulate the release of mature eggs from the ovaries. Luteinizing hormone (LH) is produced in small amounts in normal women and increases sharply in the middle of the menstrual cycle, creating an LH spike that stimulates the release of the mature egg, or ovulation, within the next 24-36 hours. Women are most likely to conceive within 1 to 3 days of the LH peak, therefore, testing the presence of LH in the urine can be used to predict the time of ovulation and can effectively predict the time of conception.

Intended use

For the qualitative measurement of luteinizing hormone (LH) levels in human urine.

Operation steps and result interpretation



- **Positive (+):** two purplish red bands appeared. One is in the test area (T) and the other is in the quality control area (c). The line in the test region (T) is the same as or darker than the one in the control region (C). It indicates that LH peak has appeared and ovulation is likely to occur within 24-36 hours.
- **Negative (-):** one or two purplish red bands appeared. One is in the test area (T), the other is in the quality control area (c), but the T line is lighter than the C line, or there is no T line. It indicates that the LH peak has not yet appeared, and the daily test should be continued.
- **Invalid:** there was no purple red band in the quality control area (c). It indicates incorrect operation process or deterioration of reagent. In any case, it should be retested. If the problem still exists, stop using this batch immediately and contact the local supplier.

Product information

| Product name | Specimen | Format | Pack/box | Shelf life | Storage temperature | Certificate |
|-------------------------------------|----------|-----------------|----------|------------|---------------------|-------------|
| Luteinizing hormone (LH) Rapid Test | Urine | Cassette /Strip | 25T/100T | 24months | 2-30°C | CE |