



# SD BIOLINE LH

## One Step Luteinizing Hormones Test

Human luteinizing hormone (hLH) is a glycoprotein hormone secreted by the anterior pituitary. In view of the characteristic variation of hLH during the menstrual cycle, rapid and sensitive measurement of hLH is an important tool in the diagnosis and management of infertility in females. Approximately 12 ~ 24 hours after the hLH surge, the wall of the enlarged follicle ruptures at ovulation and the mature ovum is extruded. Detection of the hLH surge can aid in predicting the time of ovulation. The onset of the hLH surge precedes ovulation by approximately 30 hours.



### General Information

SD BIOLINE LH test is immunochromatographic assay designed for qualitative detection of LH in urine.

- Important tool in the diagnosis and management of infertility in females.
- Test result: 10 minutes
- Specimen: Urine
- No cross reactivity with hFSH, TSH, hCG
- Detection: 20 mIU/ml
- Shelf life and storage temperature: 18 months at 2-30 °C

### Materials Provided

- Test device
- Disposable dropper

### Test Procedure

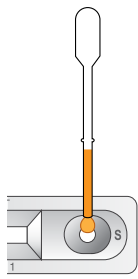
#### When to begin testing

To decide when to begin testing, determine the length of your normal menstrual cycle. The length of your cycle is from the beginning of one period to the beginning of the next (count the first day of bleeding or spotting as day 1).

For example, if your period normally begins every 28 days, you should begin testing 11 days after the first day of your last period.

#### 1 Add Specimen

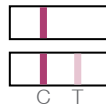
Dispense 3 drop of urine into the sample well "S".



Wait 10 mins.

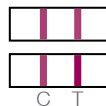
10 mins.

#### 2 Read Results



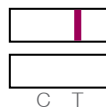
**Negative** (LH is not detected)

- One color band
- Two color bands on light color "T" band



**Positive** (LH is detected)

- Two purple bands of similar color and darkness
- The test band ("T") may be darker than the control band ("C")



**Invalid**

### Ordering Information

Product	Cat. No.	Type	Specimen	Pack Size
LH	31FK10	Device	Urine	25T/Kit