

# SD BIOLINE Hepatitis B series

## Hepatitis B Virus Test

### HBsAg, Anti-HBs, HBeAg

Hepatitis B is a widespread and serious liver disease. Hundreds of millions of people, most of them in regions with poor medical care, are chronically infected with the virus and face an elevated risk of acquiring liver cancer. The hepatitis B virus (HBV) is made up of an inner core surrounded by an outer capsule. The outer capsule contains the HBsAg (surface antigen). HBeAg is also found within the core. The detection of anti-HBs has become important in the follow up of patients with the Hepatitis B virus (HBV). It is also important when monitoring the recipients of vaccination with recombinant and natural anti-HBs.



### General Information

SD BIOLINE Hepatitis B tests are intended for professional use as an aid in the diagnosis of hepatitis B. Highly sensitive, specific immunochromatographic assay for detection of HBsAg, Anti-HBs, HBeAg.

|             | HBsAg         | HBsAg WB                   | Anti-HBs      | HBeAg         |
|-------------|---------------|----------------------------|---------------|---------------|
| Specimen    | Serum, Plasma | Serum, Plasma, Whole blood | Serum, Plasma | Serum, Plasma |
| Sensitivity | 100 %         | 100 %                      | 91.7 %        | 95.5 %        |
| Specificity | 100 %         | 100 %                      | 98.9 %        | 98.6 %        |

### Materials Provided

Test device / Multi-device / Strip

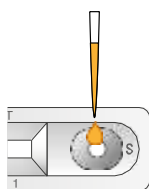
### Test Procedure

# 1

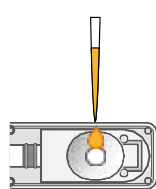
#### Add Specimen

Dispense **100 µl** of specimen into the specimen well.

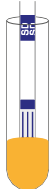
Device



Multi Device



Strip

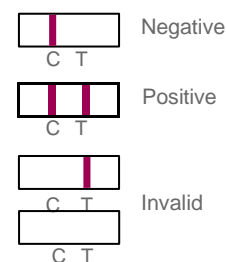


Wait 20 mins.  
(HBeAg : 5~20 mins. )



# 2

#### Read Results



### Ordering Information

| Product    | Cat. No. | Type         | Pack Size  |
|------------|----------|--------------|------------|
| HBsAg      | 01FK10   | Device       | 30T/Kit    |
| HBsAg      | 01FK11   | Multi-Device | 10Tx10/Kit |
| HBsAg Fast | 01FK12   | Strip        | 25Tx4/Kit  |
| HBsAg WB   | 01FK10W  | Device       | 30T/Kit    |
| HBsAg WB   | 01FK11W  | Multi-Device | 10Tx10/Kit |

| Product       | Cat. No. | Type         | Pack Size  |
|---------------|----------|--------------|------------|
| Anti-HBs      | 01FK20   | Device       | 30T/Kit    |
| Anti-HBs      | 01FK21   | Multi-Device | 10Tx10/Kit |
| Anti-HBs Fast | 01FK22   | Strip        | 25Tx4/Kit  |
| HBeAg         | 01FK30   | Device       | 30T/Kit    |

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