

# SD BIOLINE HCV

## Hepatitis C Virus Antibody Test

The Hepatitis C virus (HCV) is recognized as a major agent of chronic hepatitis, transfusion acquired non-A, non-B hepatitis and liver disease throughout the world. HCV diagnostic kits detect the presence of HCV antibodies in human serum, plasma or whole blood by immunoassay. For diagnosis of HCV infection, recombinant proteins (Core, NS3, NS4 and NS5 protein) were used as capture materials and coated on the membrane of an immunochromatographic (rapid) test.



### General Information

SD BIOLINE HCV test is a immunochromatographic rapid test for the qualitative detection of antibodies specific to HCV in human serum, plasma or whole blood.

- Recombinant HCV Core, NS3, NS4, NS5 Ag used as capture materials
- Specimen: Serum, Plasma, Whole blood
- Shelf life and storage temperature: 24 months from the date of manufacturing at 1-30 °C
- Performance: Sensitivity-99.3 %, Specificity-98.1 %

### Materials Provided

- Test device / Multi-device / Strip
- Assay diluent
- Option : Lancet, alcohol swab, capillary pipette (for fingerstick)

### Test Procedure

**1 Add Specimen**  
Dispense 10 µl of specimen into the specimen well.

Capillary pipette    Micropipette    Multi Device

**2 Add Assay Diluent**  
Dispense 4 drops of the assay diluent.

Device Assay Diluent    Multi Device Assay Diluent

**1 Add Assay Diluent and Specimen**  
Dispense 4 drops of assay diluent to the empty test tube, and then dispense 10 µl of serum or plasma to the test tube.

Strip

**2 Insert Strip**  
Insert strip into the test tube.  
Strip

Wait 5-20 mins.

**3 Read Results**

Negative

C T

Positive

C T

Invalid

C T

C T

### Ordering Information

Product	Cat. No.	Type	Specimen	Pack Size
HCV	02FK10	Device	Serum/Plasma/Whole blood	30T/Kit
HCV	02FK11	Multi-Device	Serum/Plasma/Whole blood	10Tx10/Kit
HCV*	02FK16	Device	Serum/Plasma/Whole blood	25T/Kit
HCV**	02FK17	Device	Serum/Plasma/Whole blood	25T/Kit
HCV	02FK10CE	Device	Serum/Plasma/Whole blood	30T/Kit
HCV Fast	02FK12	Strip	Serum/Plasma	25T/Kit

(\*) Lancet, Capillary pipette, Alcohol swab included.

(\*\*) Safety lancet, Capillary pipette, Alcohol swab included.