



SD BIOLINE Tetanus

One step Tetanus Antibody Test

Tetanus is an acute and often fatal, disease caused by a neurotoxin produced by *Clostridium tetani*. The toxin causes a high rate of disease outbreak and mortality by invading the nerve system. In cases of infectious exposure from external injuries, an immunization with tetanus toxoid or its immunoglobulin is recommended to prevent tetanus from attacking. Additionally, a sufficient titer level of tetanus antibody in the blood is required because although a person may have a tetanus immunization history in infancy and childhood, the immunization may not have been performed correctly or the antibody titer level may have declined with age.



General Information

SD BIOLINE Tetanus test is one step, rapid immunochromatographic assay for qualitative detection of tetanus antibody in serum, plasma or whole blood.

- Specimen : Serum, Plasma or Whole blood
- Detection limit : 100 mIU/ml (serum, plasma), 200 mIU/ml (whole blood)
- Point of care test at emergency room
- Detection of tetanus antibody (IgG/IgM) before anti-tetanus toxoid immunoglobulin treatment
- No interfering reactivity with hemoglobin, bilirubin or triglyceride
- Shelf life and storage temperature: 24 months at 1-30 °C
- Performance:
 - Sensitivity : Serum - 96.5 %, Whole blood- 94.8 %
 - Specificity : Serum - 87 %, Whole blood - 89.1 %

Materials Provided

- Test device
- Disposable dropper (30 µl)
- Assay diluent

Test Procedure

1 Add Specimen

Dispense 30 µl of whole blood, serum or plasma into the sample well "S".

Disposable dropper (whole blood) Micropipette (whole blood, plasma or serum)

2 Add Assay Diluent

Dispense 3-4 drops of the assay diluent.

Wait 10 mins.

3 Read Results

Negative

Positive

Invalid

Ordering Information

Product	Cat. No.	Type	Specimen	Pack Size
Tetanus	42FK10	Device	Serum/Plasma/Whole Blood	25T/Kit