

berkeleyhealth TETANUS

Self-test for the determination of the level of antibodies (class G Immunoglobulins – IgG) against tetanus in whole blood samples



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TETANUS

Tetanus is an acute infectious bacterial disease characterized by tonic spasm of voluntary muscles and caused by an exotoxin produced by *Clostridium tetani* which is usually introduced through a wound.

Vaccination is the best way to protect people against tetanus. Being up to date with the tetanus vaccine is the best way to prevent the disease.

WHO ARE THE INTENDED USERS

Tetanus vaccine is recommended for people of all ages, with booster doses every 10 years.

WHY - BENEFITS

Checking the level of the IgG against tetanus toxin is the only way to protect the body from this serious disease. With TETANUS TEST it is possible to discover if these antibodies are still circulating in the body..

TEST PRINCIPLE

TETANUS TEST is an immunochromatographic assay which detects the presence of specific antibodies IgG against tetanic toxin thanks to special monoclonal goldconjugate antibodies embedded inside the test strip.

TECH SPECS

CUT-OFF	SENSITIVITY	SPECIFICITY	OVERALL ACCURACY
0.1 IU/mL	93.1%	100%	94%

Performance data obtained by clinical study with 100 participants enrolled. EIA method (NOVATEC) has been utilized as reference method.

CONTENT:

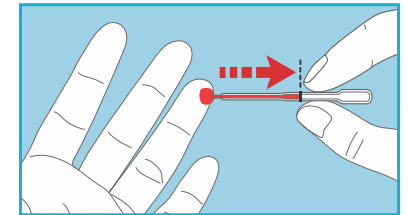
1 sealed aluminium pouch containing: 1 test device and 1 desiccant bag; 1 transparent plastic bag containing a pipette for blood collecting; 1 vial with dropper containing the diluent; 2 sterile lancets for blood sampling; 1 alcohol swab and 1 instructions for use leaflet.

CLINICAL EVIDENCES

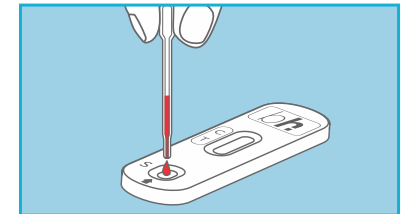
1. Tetanus vaccines: WHO position paper – February 2017.
2. Bae C, Bourget D.: "Tetanus." StatPearls Publishing; 2018 Jan.
3. WHO Immunological Basis for Immunization Series Module 3: Tetanus Update 2018.

HOW TO USE IT

1) Take a blood sample after pricking the finger.



2) Deposit the sample into the specimen well of the cassette.



3) Add 2 drops into the well and wait 5 minutes before reading the result.

