

Francisella tularensis Target 2

Detection Kit for Hybridization Probe Assays

This kit and accompanying information is designed for the detection of *Francisella tularensis* Target 2 DNA. This kit is for research use only and not for use in diagnostic procedures. Refer to the *Freeze-Dried Reagent Detection Kit Instruction Booklet for Hybridization Probes* (ASAY-PRT-0131, **PCR protocol for DNA**) for protocols, reagent setup, results analysis, and additional information.

Sample	Specificity
Isolated DNA	This kit has demonstrated specific detection of <i>F. tularensis</i> Target 2 versus a panel of 35 organisms, both related and unrelated (see back). Specificity was 100%.

Software

The instructions shown below are given for three R.A.P.I.D. instrument models and software. Use the appropriate instructions for your system. System number can be found on the serial plate.

Model 7200

Select **F tularensis** from the Batch Test menu on the software screen.



Models 9200 and LT

Select **F. tularensis Target 2** from the software wizard screen.



Validated Strains

This validated ***F. tularensis* Target 2** assay recognizes the following strains:

F. tularensis Grousse Type B

F. tularensis LVS B38

F. tularensis SHU4

F. tularensis Chataneaux B6

This validated ***F. tularensis* Target 2** assay shows no cross-reactivity against the following organisms:

Rhizobium-9930 B26

B. ovis A15

Ochrobactrum anthropi

Rhizobium-33669 B27

B. canis A16

Salmonella typhi A68

Rhizobium-10004 B28

B. suis A4

Vibrio cholerae El Tor A29

Rhizobium-14479 B29

B. maris

Shigella dysenteriae A67

Rhizobium-14428 B25

B. neotame

Strep. pneumoniae A13

E.coli: O157:H7 B35

B. melitensis 16m A20

Staphylococcus aureus A36

Erwinia herbicola

B. melitensis F6145

Neisseria gonorrhoeae

Serratia marcescens

B. melitensis Mexico

Neisseria meningitidis

Mycoplasma dimorpha

B. melitensis Argentina

Enterobacter aerogenes

Yersinia pestis D27 A11

B. melitensis Saudi Arabia

Bacillus anthracis Vollum A7

B. mallei A95