

Francisella tularensis Target 1



Detection Kit for Hybridization Probe Assays

This kit and accompanying information is designed for the detection of *Francisella tularensis* Target 1 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 1 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	Models 9200 and LT
<p>Select F tularensis from the Batch Test menu on the software screen.</p> 	<p>Select F. tularensis Target 1 from the software wizard screen.</p> 

Validated Strains

This validated ***F. tularensis* Target 1** assay recognizes the following strains:

F. tularensis FRAN005
F. tularensis LVS
F. tularensis Vienna
F. tularensis A00A-416
F. tularensis A88R-144

F. tularensis Japanese
F. tularensis Novidica
F. tularensis SHU4 FRAN016-UCC
F. tularensis SHU4
F. tularensis var *Novidica* FRAN003-UCC

This validated ***F. tularensis* Target 1** assay shows no cross-reactivity against the following organisms:

Bacillus brevis
Bacillus cereus
Bacillus thuringiensis
Bacillus anthracis Vollum
BACI007-UCC
Bordetella bronchiseptica
10580 BORD001-UCC
Brucella ovis 63/290
Brucella canis 23365
Brucella suis 23444
Brucella melitensis 16M
Brucella maris 5494
Brucella neotomae 23459
Burkholderia cepacia 25416
BURK001-UCC

Burkholderia mallei CHINA 4
Coxiella burnetii
Enterobacter aerogenes
ENTB001 - UCC
Escherichia coli O157:H7
Francisella philomiragia
25015 FRAN002-UCC
Haemophilus influenzae
10211
Klebsiella pneumoniae 13883
KLEB001 - UCC
Rickettsia prowazekii
Salmonella enterica serovar
Typhi

Serratia marcescens 13880
SERR003-UCC
Shigella dysenteriae 11835
Staphylococcus aureus 29213
Streptococcus pneumoniae
33400 STRE017-UCC
Vaccinia (*Orthopox*)
Vibrio cholerae EL TOR
Yersinia pseudotuberculosis
6904 YERS008-UCC
Yersinia pestis