

Ricinus communis Target 1H

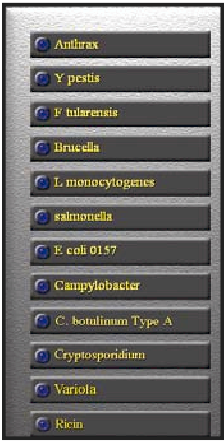
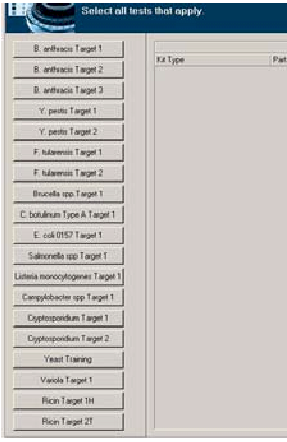
Detection Kit for Hybridization Probe Assays

This kit and accompanying information is designed for the detection of *Ricinus communis* Target 1H 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 PCR protocols, reagent setup, results analysis, and additional information.

Sample	Specificity
Isolated DNA	This kit has demonstrated specific detection of <i>Ricinus communis</i> Target 1H versus a panel of 22 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 Ricin from the Batch Test menu on the software screen.</p> 	<p>Select Ricin Target 1H from the software wizard screen.</p> 

Validated Strains

This validated **Ricin Target 1H** assay recognizes the following strains:

DNA from a crude ricin toxin preparation (using saline aqueous ricin toxin extraction protocol)
ITI Castor bean genomic preparation

AFIP Central Florida genomic preparation
AFIP Ricin Impala genomic preparation

This validated **Ricin Target 1H** assay shows no cross-reactivity against the following organisms:

Bacillus anthracis (GT3 - D2005241002)
Burkholderia mallei
Vaccinia (VR325 - AFIP-VR-1107)
Yersinia pestis (YERS020-UCC - D2004350002)
Francisella tularensis (SHU4 - D2005098001)
Staphylococcus aureus (29213 - D2005115010)
Staphylococcus aureus (29247 - STAP014-UCC)
Staphylococcus aureus (D2006005004NB)
Clostridium botulinum (Type A - D2004180002)
Clostridium botulinum (Type B - D2004188002)
Clostridium botulinum (Type E)

Clostridium botulinum (Type F - D2004245004)
Viscum album
Adenia volkensisii
Adenia digitata
Abrus precatorious
Mirabilis jalapa
Momordica charantia
Coxiella burnetii
Brucella melitensis
Rickettsia prowazekii
Human DNA