

Ara h 9.0101

Allergen Specification

Product Number: 52000

Description:

Arachis hypogaea Ara h 9.0101.
Recombinant allergen for research use
or manufacturing only.

Immunological function:

Binds IgE-type human antibodies.

Origin:

Recombinant. Expressed by
recombinant baculovirus (*Autographa
californica* multiple nuclear
polyhedrosis virus; AcMNPV) infection
of *Spodoptera frugiperda* Sf9 insect
cells.

Expression construct:

Full-length cDNA coding for Ara h
9.0101 fused to a hexa-histidine
purification tag.

Biochemical tests:

SDS-PAGE (purity > 80%); Western
blot with human sera.

Calculated molecular weight:

9,959 Dalton

Calculated isoelectric point:

pH 9.45

Endotoxin content:

Tested by LAL (Limulus Amoebocyte
Lysate) chromogenic endotoxin assay.

Immunological tests/Functionality:

Immunodot test with positive/negative
sera panels.

**Recommended buffer/storage and
handling conditions:**

Recommendations for storage buffer:
neutral to slightly alkaline pH and 20 %
glycerol as cryoprotective agent.
Storage conditions: -70°C or below.
Repeated freeze/thaw cycles should
be avoided.

Copyright 2017 DIARECT AG