

Recombinant Human Ro/SS-A (60 kDa)

Antigen Specification

Product Number: 17400

Description:

Human Ro/SS-A protein (60 kDa).
Recombinant antigen for solid (ELISA)
and fluid phase diagnostic assays.

Calculated isoelectric point:

pH 8.3-8.6 (depending on prediction
program)

Immunological function:

Binds IgG-type human auto-antibodies.

Immunological tests/Functionality:

Standard ELISA test (checker-board
analysis of positive/negative sera
panels); Immuno-Dot test with
positive/negative sera panels

Origin:

Recombinant. Expressed in *E. coli*
bacterial cells.

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

Recommendations for storage buffer:
neutral to slightly alkaline pH. Storage
temperature: -70° to -80° C. Repeated
freeze/thaw cycles should be avoided.

Expression construct:

Full-length cDNA coding for the human
Ro/SS-A (60 kDa) fused to a hexa-
histidine purification tag.

Coating concentration:

0.2-0.5 μ g/ml (depending on the type
of ELISA plate and coating buffer).
Suitable for biotinylation and iodination.

Biochemical tests:

SDS-PAGE (purity > 90 %); Western
Blot with i: SLE sera (secondary
Sjögren's syndrome); ii: monoclonal
anti-hexa-His-tag antibody.

Calculated molecular weight:

61,696 Dalton

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