

General Concanavalin A (ConA) CLIA Kit | ConA clia kit

General Concanavalin A (ConA) CLIA Kit

CATALOG # AAA189082	REACTIVITY General	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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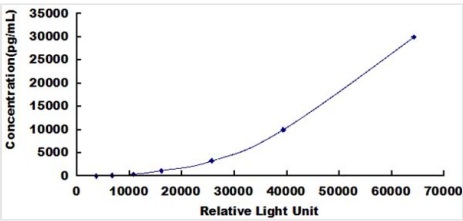
PRODUCT SYNONYMS

Concanavalin A (ConA); General Concanavalin A (ConA) CLIA Kit; Concanavalin A; Con-A; ConA clia kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This assay has high sensitivity and excellent specificity for detection of Concanavalin A (ConA). No significant cross-reactivity or interference between Concanavalin A (ConA) and analogues was observed.
Sequence Length	237
Assay Type	Double-antibody Sandwich
Samples	Biological fluids
Detection Range	41.2-30,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 17.5pg/mL
Applicable Applications for ConA clia kit	CLIA (Chemiluminescence Immunoassay)
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Concanavalin A (ConA) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Concanavalin A (ConA) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The microplate provided in this kit has been pre-coated with an antibody specific to Concanavalin A (ConA). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Concanavalin A (ConA). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Concanavalin A (ConA) level in the sample or standard.
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	72333
NCBI Official Full Name	concanavalin A - jack bean

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/general-clia-kits/concanavalin-a-cona/189082>