

Certificate of Analysis

Name: Mouse Anti Influenza (A) nucleoprotein Antibody (1331)

Product Code: MAB12526-100 / MAB12526-500

Batch #: 23101913

Date of Manufacture: 1st November-2023

Product Description: Mouse monoclonal antibody against Influenza A virus nucleoprotein. Isotype IgG2a. Purified from ascites fluid or culture medium by protein A chromatography or sequential differential precipitations.

Clone Number: 1331

Amount: 0.1 / 0.5 mg

Concentration: 4.0 mg/ml

Presentation: Liquid

Buffer: 0.01 M phosphate buffered saline, pH 7.2 including 0.09% sodium azide

Specificity: Specific for Influenza A - from A/Texas strain. Recognizes the nucleoprotein of numerous strains. It is reactive with >50 separate isolates from H1 thru H14. May self-pair in lateral flow assays.

Applications: IFA, Hist. & ELISA

Application Notes: Working dilution must be determined by the user. Suggested starting ranges are 20ug/ml to 100ug/ml for IFA and 1ug/ml to 10ug/ml for ELISA.

Usage Guidelines

Short Term Storage: +4°C

Long Term Storage: -20°C

Storage Guidelines: Avoid multiple freeze-thaw cycles



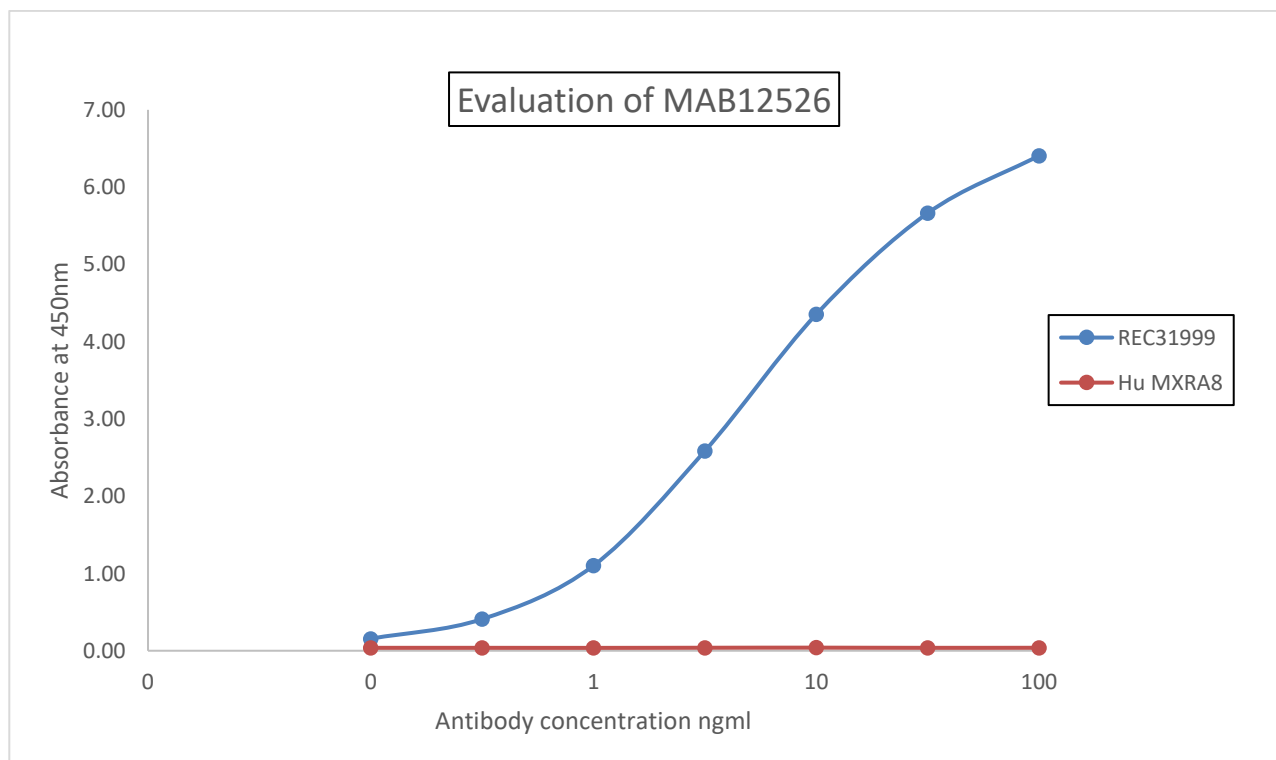
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Antigen down ELISA: Plate coated with 1ug/ml of Influenza nucleoprotein (The Native Antigen Company REC31999) with human MXRA8 (HIS tag) control, in DPBS over night at ambient, blocked with 1% BSA in DPBS. Antibody diluted in DPBs, 1% BSA, 0.1% Tween 20, over the range 100ng/ml to 0.1ng/ml, incubated shaken for 2 hours. Bound antibody was detected using an anti-mouse IgG-HRP conjugate (PAB21441HRP) diluted 1 in 10,000, shaken 1 hour. Plate developed with TMB-HK (Europa MO701D) 15min and stopped 100ul/well 1M HCl. Plate read at 450nm and 405nm, high 450nm readings back-calculated from 405nm values.



11/6/2023

X



QC
Signed by: Toni Ertl

06/11/2023

X



QA
Signed by: Michael.Neale@lgcgroup.com

Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.