



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet for 009-0206

## Human IgA Fluorescein

### Overview

<b>Description:</b>	Human IgA Whole Molecule Fluorescein Conjugated - 009-0206
<b>Item No.:</b>	009-0206
<b>Size:</b>	1 mg
<b>Applications:</b>	Dot Blot
<b>Origin:</b>	Human

### Product Details

<b>Background:</b>	Immunoglobulin A is the primary responder in mucosal immunity, and comprises close to 75% of the total immunoglobulin produced. IgA can also be secreted and is protected from degradation by many proteolytic enzymes (which allows it to be secreted along the gastrointestinal tract). Immunoglobulin A only weakly activates the complement system and is not readily opsonized.
<b>Synonyms:</b>	Human IgA fluorescein conjugated, Human IgA FITC conjugation
<b>Species of Origin:</b>	Human
<b>Conjugate:</b>	Fluorescein (FITC)
<b>Format:</b>	IgA
<b>Type:</b>	Native Protein
<b>F/P Ratio:</b>	4.2
<b>Specific Activity:</b>	4.2

### Target Details

<b>Purity/Specificity:</b>	This product was prepared from normal serum by delipidation, salt fractionation and ion change chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Human IgA and anti-Human Serum. No reaction was observed against anti-Human IgM Fc5 $\mu$ or anti-Human IgG F(c).
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## Application Details

<b>Tested Applications:</b>	Dot Blot
<b>Application Note:</b>	Human IgA whole molecule Fluorescein has been tested in dot blot and is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA), fluorescent western blotting, multiplex analysis, including multicolor imaging, utilizing various commercial platforms.
<b>Assay Dilutions:</b>	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

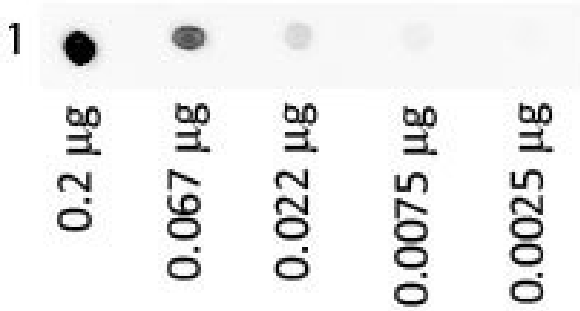
## Formulation

<b>Physical State:</b>	Lyophilized
<b>Concentration:</b>	1.0 mg/ml
<b>Buffer:</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Preservative:</b>	0.01% (w/v) Sodium Azide
<b>Stabilizer:</b>	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
<b>Reconstitution Volume:</b>	1.0 mL
<b>Reconstitution Buffer:</b>	Restore with deionized water (or equivalent)

## Shipping & Handling

<b>Shipping Condition:</b>	Ambient
<b>Storage Condition:</b>	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
<b>Expiration:</b>	Expiration date is one (1) year from date of receipt.

## Images

**Dot Blot**Dot Blot of Human IgA Fluorescein Antigen: Human IgA  
Fluorescein Load: 3-fold serial dilution starting at 200 ng  
Block: MB-070 for 30 min at RT**Disclaimer**

No test method can provide total assurance that the hepatitis B virus, hepatitis C virus, human immunodeficiency virus, or any other infectious agents are absent. Thus, all blood products, including purified proteins derived from human blood sources, should be handled at Biosafety Level 2 as recommended by the CDC\NIH manual entitled Biosafety in Microbiological and Biomedical Laboratories for potentially infectious human serum, blood specimens or proteins derived from same. Source material for the human blood product supplied to your facility has been tested for the detection of HIV antibody, Hepatitis B surface antigen, antibody to Hepatitis C, HIV 1 antigen(s), antibody to HTLV - I/II, and syphilis by FDA guidelines. All units were found to be non-reactive/negative for these tests. All human blood source material is collected in FDA licensed centers and is tested with FDA approved test kits.

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