

### Chicken IgG Fab Fluorescein

Catalog # ASR1738

## **Specification**

# **Chicken IgG Fab Fluorescein - Product Information**

Description CHICKEN IgG F(ab) fragment Fluorescein

conjugated

Conjugate Fluorescein (FITC)

FP Value 0.4 moles Fluorescein (FITC) per mole of

Chicken IgG F(ab)

Physical State
Host Isotype
IgG F(ab)

Buffer 0.01 M Sodium Phosphate, 0.15 M Sodium

Chloride, pH 7.2

Species of Origin
Reconstitution Volume
Chicken
1.0 mL

Reconstitution Buffer Restore with deionized water (or

equivalent)

Stabilizer 10 mg/mL Bovine Serum Albumin (BSA) -

Immunoglobulin and Protease free

Preservative 0.01% (w/v) Sodium Azide

## **Chicken IgG Fab Fluorescein - Additional Information**

#### **Shipping Condition**

**Ambient** 

#### **Purity**

This product was prepared from normal serum by delipidation, salt fractionation and ion change chromatography followed by pepsin digestion and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Chicken IgG, anti-Chicken IgG F(ab')2 and anti-Chicken Serum. No reaction was observed against anti-Chicken IgG F(c) or anti-Pepsin.

#### **Storage Condition**

Store vial at  $4^{\circ}$  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  $4^{\circ}$  C as an undiluted liquid. Dilute only prior to immediate use.

#### **Precautions Note**

This product is for research use only and is not intended for therapeutic or diagnostic applications.

#### **Chicken IgG Fab Fluorescein - Protein Information**

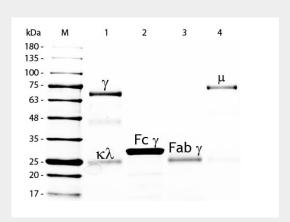
## Chicken IgG Fab Fluorescein - Protocols



Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

### Chicken IgG Fab Fluorescein - Images



SDS-PAGE of Chicken IgG F(ab) Fragment Fluorescein Conjugated . Lane M: 5  $\mu$ L Opal Prestained Marker . Lane 1: Reduced Chicken IgG Whole Molecule . Lane 2: Reduced Chicken IgG F(c) Fragment . Lane 3: Reduced Chicken IgG F(ab) Fragment Fluorescein Conjugated . Lane 4: Reduced Chicken IgM Whole Molecule . Load: 1  $\mu$ g per lane. Predicted/Observed size: IgG at 72 and 25 kDa; F(c) at 25 kDa; F(ab) at 25 kDa; IgM at 75 kDa. Observed F(c) Fragment migrates slightly higher. Other bands: Chicken IgG heavy chain alternative splicing variant at approximately 40 kDa in Lane 1.

#### Chicken IgG Fab Fluorescein - Background

This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.