

**COULTER CLONE®**  
**Goat IgG-FITC,**  
**Goat IgG-RD1**

6604291 - 100 tests

6604288 - 100 tests

PN 4236094-E



	CLONE 1	CLONE 2
<b>Specificity</b>	Non Applicable	Non Applicable
<b>Clone</b>	Polyclonal	Polyclonal
<b>Hybridoma</b>	Non Applicable	Non Applicable
<b>Immunogen</b>	Non Applicable	Non Applicable
<b>Ig Chain</b>	IgG	IgG
<b>Species</b>	Goat	Goat
<b>Source</b>	Normal goat serum	Normal goat serum
<b>Purification</b>	Ion exchange chromatography	Ion exchange chromatography
<b>Fluorescence</b>	Excites at 468-509 nm / Emits at 504-541 nm	Excites at 486-580 nm / Emits at 568-590 nm
<b>Conjugation</b>	FITC (Fluorescein Isothiocyanate)	RD1 (Phycoerythrin)
<b>Molar Ratio</b>	FITC/Protein: 3-10	RD1/Protein: 0.5-1.5

**ISOTYPIC CONTROL**

**For Research Use Only.**  
**Not for use in diagnostic procedures.**

**ANTIBODY SPECIFICITY**

The Goat IgG Isotypic Control is a goat polyclonal antibody control reagent used to monitor the levels of nonspecific staining for cell surface staining procedures which use a primary polyclonal antibody of the goat IgG class conjugated to FITC or RD1.

**REAGENT**

COULTER CLONE Goat IgG-FITC  
 PN 6604291 - 100 tests (0.5 mL)  
 OR

COULTER CLONE Goat IgG-RD1  
 PN 6604288 - 100 tests (0.5 mL)

**Ig CHAIN:** Goat IgG

**SOURCE:** Normal goat serum

**PURIFICATION:** Ion exchange chromatography

**CONJUGATION:** Goat IgG-FITC (Fluorescein isothiocyanate)  
 Goat IgG-RD1 (Phycoerythrin)

**MOLAR RATIO:** FITC/protein 3-10  
 RD1/protein 0.5-1.5

**FLUORESCENCE:**

FITC (Green) Excites at 468-509 nm  
 Emits at 504-541 nm

RD1 (Orange) Excites at 486-580 nm  
 Emits at 568-590 nm

**REAGENT CONTENTS**

The concentration of nonantibody reagents is 0.2% BSA, 0.01 M potassium phosphate, 0.15 M NaCl, 0.1% NaN<sub>3</sub> and stabilizers.

**STATEMENT OF WARNINGS**

1. This reagent contains 0.1% sodium azide. Sodium azide under acid conditions yields hydrazoic acid, an extremely toxic compound. Azide compounds should be flushed with running water while being discarded. These precautions are recommended to avoid deposits in metal piping in which explosive conditions can develop. If skin or eye contact occurs, wash excessively with water.
2. Specimens, samples and all material coming in contact with them should be handled as if capable of transmitting infection and disposed of with proper precautions.
3. Never pipet by mouth and avoid contact of samples with skin and mucous membranes.
4. Do not use reagent beyond the expiration date on the vial label.
5. Minimize exposure of reagent to light during storage or incubation.

6. Avoid microbial contamination of reagent or erroneous results may occur.
7. Use Good Laboratory Practices (GLP) when handling this reagent.
8. Harmful if swallowed.
9. After contact with skin, wash immediately with plenty of water.

**STORAGE CONDITIONS AND STABILITY**

This reagent is stable to the expiration date on the vial label when stored at 2-8°C. Do not freeze. Minimize exposure to light.

**EVIDENCE OF DETERIORATION**

Any change in the physical appearance of this reagent (FITC labeled = clear, colorless to yellowish-green liquid; RD1 labeled = clear, colorless to pink liquid) or any major variation in values obtained for control samples may indicate deterioration and the reagent should not be used.

**REAGENT PREPARATION**

No preparation is necessary. This COULTER CLONE reagent is used directly from the vial. Bring reagent to 20-25°C prior to use.

**USAGE**

This reagent is for use with standard flow cytometry methodologies.

The use of Goat IgG-FITC or Goat IgG-RD1 in this reagent is not intended for enumeration of IgG class cells in clinical diagnostic applications.

**PRODUCT AVAILABILITY**

COULTER CLONE Goat IgG-FITC  
 PN 6604291 - 100 tests (0.5 mL)  
 OR

COULTER CLONE Goat IgG-RD1  
 PN 6604288 - 100 tests (0.5 mL)

RD1 is licensed under patent 4,520,110.

For additional information in the USA, call 800-526-7694. Outside the USA, contact your local Coulter Representative.

**TRADEMARK**

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