COULTER CLONE®
Kappa-FITC,
Kappa-RD1

REF **6604287 - 100 tests**
REF **6604290 - 100 tests**

PN 4236093-G

BECKMAN COULTER™

	CLONE 1	CLONE 2
Specificity	Kappa light chains	Kappa light chains
Clone	Polyclonal	Polyclonal
Hybridoma	Non applicable	Non applicable
Immunogen	Purified human myeloma proteins	Purified human myeloma proteins
Ig Chain	IgG	IgG
Species	Goat	Goat
Source	Goat serum	Goat serum
Purification	Affinity chromatography	Affinity chromatography
Fluorescence	Excites at 468-509 nm / Emits at 504-541 nm	Excites at 486-580 nm / Emits at 568-590 nm
Conjugation	FITC (Fluorescein Isothiocyanate)	RD1 (Phycoerythrin)
Molar Ratio	FITC/Protein: 3-10	RD1/Protein: 0.5-1.5

ANALYTE SPECIFIC REAGENT
Analytical and performance characteristics are not established.

ANTIBODY SPECIFICITY
Kappa is a goat polyconal antibody reagent, conjugated to FITC or RD1. It identifies cellular populations bearing kappa light chains of human immunoglobulin in mononuclear cell preparations.[1]

REAGENT CONTENTS
The concentration of nonantibody reagents is 0.2% BSA, 0.01 M potassium phosphate, 0.15 M NaCl, 0.1% NaN_3 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 these reagents*, or any major variation in values obtained for control samples may indicate deterioration and the reagents should not be used.

***Normal Appearance of Reagents**
FITC labeled: Clear, colorless to yellowish liquid
RD1 labeled: Clear, colorless to pinkish liquid

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 Kappa-FITC and Kappa-RD1 is not intended for enumeration of Kappa positive cells in clinical diagnostic applications.

SELECTED RESEARCH REFERENCES

1. Male D, Champion B and Cooke A. 1987. Advanced Immunology. Gower Medical Publishing. pp. 1.6-1.9.

PRODUCT AVAILABILITY
COULTER CLONE Kappa-FITC
PN 6604287 - 100 tests (0.5 mL)
OR
COULTER CLONE Kappa-RD1
PN 6604290 - 100 tests (0.5 mL)

RD1 is licensed under patent 4,520,110.

For additional information or if damaged product is received in the USA, call 800-526-7694. Outside the USA, contact your local Beckman Coulter Representative.

TRADEMARKS
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Beckman Coulter, Inc.
4300 N. Harbor Blvd.
Fullerton, CA 92835
www.beckmancoulter.com

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