## ANALYTE SPECIFIC REAGENT
Analytical and performance characteristics are not established.

## ANTI BODY SPECIFICITY
The CD8 antigen has a molecular weight of 68 kD. It is normally present on approximately 80% of thymocytes and approximately 30-35% of peripheral blood T lymphocytes. The CD8+ lymphocytes play a central role in regulating the immune response through suppressor and cytotoxic action. The CD8 antigen reacts with the Class I major histocompatibility complex (MHC) antigen on target cells.

## REAGENT CONTENTS
T8-ECD: The antibody concentration is 0.2% BSA, 0.5-1.5 ECD/Protein.
CD8-PC5: The antibody concentration is 0.5 µg/test, 0.5-1.5 PC5/Protein.

## STATEMENT OF WARNINGS
1. These reagents contain 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. Do not use antibody beyond the expiration date on label.
3. Samples and all material coming in contact with them should be handled as if capable of transmitting infection and disposed of with proper precautions.
4. Never pipet by mouth and avoid contact of samples with skin and mucous membranes.
5. Minimize exposure of reagents to light during storage or incubation.
6. Avoid microbial contamination of reagents or incorrect results might 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 up to the expiration date 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 (clear colorless to pinkish 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 CYTO-STAT/COULTER CLONE reagent is used directly from the vial.

## USAGE
This reagent is for use with standard flow cytometry methodologies.

## SELECTED RESEARCH REFERENCES

## PRODUCT AVAILABILITY
CYTO-STAT/COULTER CLONE T8-ECD
PN 6604728 - 50 tests (0.5 mL)

OR

CYTO-STAT/COULTER CLONE CD8-PC5
PN 6607011 - 50 tests (0.5 mL)

ECD is licensed under patents 4,542,104 and 4,520,110.
PC5 is licensed under patents 4,981,977 and 5,268,486.

For additional information, or if damaged product is received, call Beckman Coulter Customer Service at 800-526-7694 (USA or Canada) or contact your local Beckman Coulter Representative.

## TRADEMARKS
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