

CDS NextGeneration™

# Coulter® Reagent Set

## MD™ Series

Reagents used in the CDS MD™ reagent set were developed by Dr. Harold Crews, former Director of Research for the Coulter Corporation. Dr. Crews and his staff developed reagents and controls currently marketed by Beckman Coulter and are listed on over 30 patents in the field.

In 1998, Dr. Crews and other Coulter® executives founded Clinical Diagnostic Solutions (CDS) with several objectives including development of hematology reagents for Coulter® instruments.

Development objectives for Coulter® instrument reagents were to develop unique, patented reagents that solve known problems with Beckman Coulter reagents and improve instrument performance.

**CDS reagents are direct replacements for Coulter® reagents. To ensure optimal performance, refer to your instrument manufacturer's recommendations.**

## Reagents

**CDS MD/C Reagent Set (CDS 501-024) is comprised of:**

### Hematology Diluent (10 liters)

- ▶ Universal diluent for use on all Coulter® instruments
- ▶ Promotes rapid equilibration

### Lytic Reagent (300 mL)

- ▶ Improved WBC Histogram
- ▶ Improved results on aged samples

*In addition to the reagents supplied with the MD/C reagent set, MD™ users should purchase CDS Enzymatic Cleaner (CDS 501-002) and MD II users purchase CDS Enzymatic Cleaner Concentrate (CDS 501-013).*

## Product Guarantee

When used as recommended, performance is guaranteed. If it is confirmed that any CDS product caused a performance problem, CDS will reimburse the laboratory for any reasonable costs incurred as a result.

If it is inferred or threatened that your Warranty or Service Agreement may be altered or cancelled due to the use of CDS reagents, contact CDS at 800-453-3328. It is considered "Unlawful Tying" to require the purchase of one product (reagents) to gain access to a second product (service) under the Sherman, Wilson, and Clayton Acts.

CDS NextGeneration™ is a trademark of Clinical Diagnostic Solutions, Inc., Plantation, Florida. Coulter® is a registered trademark of Beckman Coulter, Miami, Florida.



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*Where customers are Still #1*

## ***Installation Instructions for MD™ Reagent Set***

Required ONLY when changing to CDS reagents from other non-CDS products.

To achieve optimal performance with CDS NextGeneration™ Reagents, it is important to completely prime the Coulter® MD™ instrument. To ensure the existing diluent in the internal reservoir is exchanged with CDS diluent, prime the MD™ Series instrument following the steps below:

1. Install the CDS MD/C Reagent Set (CDS 501-024)
2. Power down the instrument
3. Access the diluent reservoir by opening the front door panel of the instrument
4. Remove the lid from the diluent reservoir
5. Using a pipette or syringe, remove all the diluent from the reservoir
6. Close the front door panel
7. Power up the instrument
8. Drain the bath as follows:  
Press SPECIAL FUNCTIONS  
Press DILUTER FUNCTIONS  
Press 3, DRAIN
9. Prime the LYSE by pressing 2, DISPENSE LYSE, until bath is full.
10. Repeat Step 8
11. From the Main Menu screen press the PRIME key
12. Allow the MD™ Series instrument to complete the PRIME cycle

**The instrument is now completely primed with  
CDS NextGeneration™ Reagents.**

**Proceed with normal instrument operation, complete reagent log.**

If you experience any problems or have any questions, please call 800-453-3328.