

~~CELL-DYN Ruby Reagents~~

~~CELL-DYN Ruby reagents are formulated for use on the CELL-DYN Ruby in order to provide optimal system performance. Use of reagents other than those specified in this manual is not recommended as system performance can be affected. Each CELL-DYN Ruby is tested at the factory using the specified reagents and all performance claims are generated using these reagents.~~

~~The reagents used with the CELL-DYN Ruby are:~~

- ~~• CELL-DYN Diluent/Sheath Reagent~~
- ~~• CELL-DYN CN-Free HGB/NOC Lyse Reagent~~
- ~~• CELL-DYN WBC Lyse Reagent~~
- ~~• CELL-DYN Reticulocyte Reagent~~

~~Reagents must be stored at room temperature to ensure optimal performance. All reagents should be protected from direct sunlight, extreme heat, and freezing during shipment and storage. Temperatures below 32° F (0°C) may cause reagent layering that changes the tonicity and conductivity of the reagents.~~



~~**CAUTION:** If any reagent has been frozen, it must not be used.~~

~~The reagent inlet tubes have a cap attached that minimizes evaporation and contamination during use. However, reagent quality may deteriorate with time. Therefore, use all reagents within the dating period indicated on the label. For list numbers of reagents, refer to [Appendix A: Parts and Accessories, Table A.6.](#)~~

CELL-DYN Diluent/Sheath

CELL-DYN Diluent/Sheath has the following major functions:

- Maintain the stable diluted cell volume of each red cell and platelet during the count and sizing portion of the measurement cycle
- Serve as a sheath fluid for the hydrodynamic focusing process
- Serve as a rinsing agent for the fluidics system

~~CELL-DYN CN-Free HGB/NOC Lyse~~

~~CELL-DYN CN-Free HGB/NOC Lyse is cyanide-free and has the following major functions:~~

- ~~• Rapidly lyse the red blood cells and minimize the resultant cellular debris~~
- ~~• Strip the white cell cytoplasm leaving the nuclear membrane intact so the white cell nuclei can be enumerated~~