

# Hematology controls

In our QC program, we have different types of hematology controls. Below you'll find an overview for what instrument the controls can be used.

Control blood type:	We assay values for next instruments:
8 parameter Control	<ul style="list-style-type: none"> <li>Abbott Cell-Dyn series (not for 5 part differential instruments)</li> <li>ABX Micros, Pentra 60 and 120</li> <li>AVL (Contraves) all models</li> <li>Advia 60</li> <li>Coulter Series</li> <li>Diatron Abacus and Arcus</li> <li>Drew (MWI) models</li> <li>ERMA all models</li> <li>Manual hemoglobin and centrifuged microhematocrit</li> <li>Medonic and Analys series</li> <li>Mindray BC Models</li> <li>Nihon Kohden Celltac and MEK series</li> <li>Seac series (H8, H10, H12 and Genius)</li> <li>Swelab AC series</li> <li>Toa Sysmex F and K series, SE9000 and SE Alpha (not for NE series)</li> </ul>
3 Diff Control	<ul style="list-style-type: none"> <li>Abbott Cell-Dyn 1300-1700-1800 series</li> <li>ABX Roche Minos and Micros</li> <li>AVL (Contraves) 816, 818</li> <li>Bayer Advia 60</li> <li>Coulter counter series (with III diff option), Coulter AcT</li> <li>Diatron Abacus and Arcus</li> <li>Danam Drew Excell 18 (BT2100)</li> <li>Erma PCE-170, PCE-210</li> <li>Melet MS 9</li> <li>Mindray BC series (with III diff option)</li> <li>Nihon Kohden Celltac and MEK series</li> <li>Orphée Mythic 18</li> </ul>
CA Diff Control	<ul style="list-style-type: none"> <li>Medonic CA570, CA600, CA610, CA620 and CA530</li> </ul>
K Diff Control	<ul style="list-style-type: none"> <li>Toa Sysmex K800, K1000, K4500 and KX21</li> </ul>
5D Control	<ul style="list-style-type: none"> <li>Coulter, STKS, GenS, MAXM, HmX, LH500, LH750</li> </ul>
ADV Diff Control	<ul style="list-style-type: none"> <li>Bayer Advia 60, 120</li> </ul>
ADV Retic	<ul style="list-style-type: none"> <li>Bayer Advia 120</li> </ul>
BC Diff 5 Control	<ul style="list-style-type: none"> <li>Mindray BC 5500, BC 5200</li> </ul>
CD Diff Control	<ul style="list-style-type: none"> <li>Abbott Cell-Dyn 1300, 1700, 3000, 3200, 3500, 3700, 4000, Sapphire, Ruby, Nihon Kohden 5 part diff, Seac 5 part diff</li> </ul>
DIA Diff 5 Control	<ul style="list-style-type: none"> <li>Abacus Junior 5</li> </ul>
SF Diff Control	<ul style="list-style-type: none"> <li>SF 3000 (open + closed mode)</li> </ul>
XE Diff Control	<ul style="list-style-type: none"> <li>Sysmex XE 2100, XT 1800i and XT 2000i, XS 1000i</li> </ul>
WBC Reduced Platelet Control	<ul style="list-style-type: none"> <li>Flow cytometer</li> </ul>
WBC Reduced RBC Control	<ul style="list-style-type: none"> <li>Flow cytometer</li> </ul>
Platelet control extended value	<ul style="list-style-type: none"> <li>Abbott Cell-Dyn 3500/3700/Sapphire</li> <li>ABX Micros 60</li> <li>ABX Micros 80 (Rev. 1.9.0)</li> <li>Bayer Advia120</li> <li>Beckman Coulter GenS</li> <li>Swelab</li> <li>Sysmex XE-XT</li> </ul>

Control blood type:	We assay values for next instruments:
Cal-Set 1	<ul style="list-style-type: none"> <li>Abbott Cell-Dyn: semi-automates, CD1300, CD1600, CD1700</li> <li>ABX models: Micros, Pentra 60, 80 and 120</li> <li>AVL (Contraves) series</li> <li>AVL-808, AVL-816, AVL-818</li> <li>Bayer Advia 60</li> <li>Coulter Counter Models: JR, JT, MD, AcT, MAXM, STKS, HmX, GenS, LH500</li> <li>Diatron series: Abacus, Arcus</li> <li>ERMA PCE-210</li> <li>Medonic CA series</li> <li>Mindray BC series</li> <li>Nihon Kohden semi-automates, automated Celltac and MEK series</li> <li>Orphee Mythic 18</li> <li>SEAC H8, H10, H12, Genius 10, Heco Systems.</li> <li>Swelab Autocounter: AC900 series</li> <li>Sysmex™: F and K series, X series, KX21</li> <li>Sysmex™: SE9000, SE9000 ALPHA</li> </ul>

### Shelflife Table

Control	Characteristics	Stability in months	Open vial stability in weeks	Parameters
8 parameter Control	Multi Instrument	4/6	4	tWBC,Hb,Hct,MCV, RBC, Plts, MCH, MCHC
3 Diff Control	Ill diff control	4/6	3	All 8 pmc values + 3 part diff (L,M,G)
CA Diff Control	Ill diff control	4	3	All 8 pmc values + 3 part diff (L,M,G)
K Diff Control	Ill diff control	4	3	All 8 pmc values + 3 part diff (L,M,G)
5D Control	Full diff control	3	2	All 8 pmc values + 5 part diff
ADV Diff Control	Full diff control	3	2	All 8 pmc values + 5 part diff
ADV Retic Control	Retic control	3	2	Retic %
BC Diff 5 Control	Full diff control	3	2	All 8 pmc values + 4 part diff
CD Diff Control	Full diff control	3	2	All 8 pmc values + 3 part diff (L,M,G) + 5 part diff
DIA Diff 5 Control	Full diff control	3	2	All 8 pmc values + 5 part diff
SF Diff Control	Full diff control	3	2	All 8 pmc values + 5 part diff
XE Diff Control	Full diff control	3	2	All 8 pmc values + 5 part diff