

# Product Profile

## Hematology Controls

Avantor™ offers different types of J.T.Baker® hematology controls, suitable for use with many popular hematology instruments. Below is an overview for what instrument the controls can be used.

### J.T.Baker® Hematology Controls Selection Guide

Instrument	Type	8 PMC	8 PMC VET	3-Diff	BC-Diff 5	CD-Diff	K-Diff	XE-Diff	Platelet	Cal-Set 1
Abbott®	Cell-Dyn® Sapphire, Ruby, 4000, 3700, 3500					x			x	
	Cell Dyn® 3200 and 3000					x				
	Cell-Dyn® 1800, 1700, 1600 and 1300	x		x						x
	Cell-Dyn® Emerald 18			x						
ABX®	Pentra® 80, 60, 60C, 60C+, 60ES, 60MS	x							x	x
	Micros® 60, ES60, 45	x		x						x
Avantor Performance Materials™	BeneSphera™ H32 3-part diff	x		x						x
	BeneSphera™ H32 3-part diff VET		x							
AVL	818, 816	x		x						x
Bayer®	Advia® 60	x		x						x
Beckman Coulter®	AcT Diff™, AcT Diff 2™	x		x						x
	AcT10™, AcT8™, AcT5™	x								x
Diatron	Abacus, Abacus Junior	x		x						x
Drew	D3, Excell 18	x		x						
Erma	PCE-210, PCE-170	x		x						x
HTI®	Micros CC20, CC18			x						
Medonic	CA620-20, CA620-16, CA610, CA600, CA570, CA530-16			x						x
Mindray®	BC-5380, BC-5300				x					x
	BC-3200, BC-3000+, BC-2800, BC-2300, BC-2000	x		x						x
Nihon Kohden®	Celltac™ F MEK-8222K, α MEK-8118K+QA-810V, ES MEK-7300, E MEK-7222K	x				x				x
	Celltac™ α MEK-6450, MEK-6420, MEK-6410, MEK-6400, MEK-6318K, MEK-6108	x		x						x
Orphee	Mythic™ 18			x						x
Rayto	RT-7600			x						x
SEAC	H20 Genius	x				x				
	H12, H8	x								x
Swelab®	AC970eo+, AC920eo+	x							x	
	AC910, AC900								x	x
Sysmex®	K4500, K1000, KX21, KX21-N	x					x			x
	XE2100, XT2000i, XT1800i, XS1000i							x	x	
Urit®	3010, 2900			x						

The information contained herein has not been approved by listed instrument manufacturer. Always refer to the user manual provided with the equipment at issue.

## Stability

To guarantee the stability in the table below, the hematology controls have to be stored upright at 2-8 °C when not in use. The vials may be stressed for 48 hours at 18 °C maximum, without losing product integrity. The stability period of opened vials is guaranteed when the hematology controls are used in accordance with the instructions for use.

## J.T.Baker® Hematology Controls Overview

J.T.Baker® Product	Level	Control Number	Volume	Pack type	Stability (months)	Open vial stability (weeks)	Ordering frequency (per year)
8-Parameter Control	L/N/H	3427/3428/3429	2.5 ml	Screw cap	4	4	4
	L/N/H	3463/3464/3465	2.5 ml	Pierceable cap	4	4	4
	L+N+H	3746	3 x 2.5 ml	Screw cap	4	4	4
	4xN	3747	4 x 2.5 ml	Screw cap	4	4	4
	1xL+4xN+1xH	3751	6 x 2.5 ml	Screw cap	4	4	4
8-Parameter Control extended	L/N/H	3633/3634/3635	2.5 ml	Screw cap	6	4	4
8-Parameter Control VET	L/N/H	2904/2905/2906	2.5 ml	Screw cap	4	4	4
3-Diff Control	L/N/H	3433/3434/3435	2.5 ml	Screw cap	4	3	4
	L/N/H	3502/3503/3504	4.5 ml	Pierceable cap	4	3	4
	4xL	3466	4 x 2.5 ml	Screw cap	4	3	4
	4xN	3467	4 x 2.5 ml	Screw cap	4	3	4
	4xH	3468	4 x 2.5 ml	Screw cap	4	3	4
3-Diff Control extended	L/N/H	3421/3422/3423	2.5 ml	Screw cap	6	3	4
BC-Diff 5 Control	L/N/H	3613/3614/3615	3.0 ml	Pierceable cap	3	2	6
CD-Diff Control	L/N/H	3452/3453/3454	3.0 ml	Pierceable cap	3	2	6
	2xL+2xN+2xH	3838	6 x 3.0 ml	Pierceable cap	3	2	6
K-Diff Control	L/N/H	3455/3456/3457	2.5 ml	Screw cap	4	3	4
XE-Diff Control	L/N/H	3731/3732/3733	4.5 ml	Pierceable cap	3	2	6
Cal-Set 1		3940	2 x 2.5 ml	Screw cap	3	2	4
Platelet - Extended value		3424	5 x 3 ml	Pierceable cap	3	2	6
WBC Reduced RBC	L/H	3698/3699	3.0 ml	Pierceable cap	3	4	6

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Gilwice, Poland 9001:2008 & 17025:2005  
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Dehradun, India 9001:2008, 14001:2004 & 13485:2003  
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### Avantor™ Performance Materials

Avantor Performance Materials manufactures and markets high-performance chemistries and materials around the world under several respected brand names, including the J.T.Baker®, Macron Fine Chemicals™, Rankem™, BeneSphera™ and POCH™ brands.

Avantor products are used in a wide range of industries. Our biomedical and life science solutions are used in pharmaceutical production, laboratory research for academic, industry and quality control, and in medical lab testing. Our electronics materials products are used in the manufacturing of semiconductors.

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### ASK Avantor™

Our Web site features ASK Avantor™ which includes live chat capabilities with customer service representatives.  
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