

# CBC-DH


For HD Consortium India Limited  
HEMATOLOGY CONTROLS

Assay values and ranges provided by HD Consortium India Limited

**CONTROL**

ASSAY VALUES AND EXPECTED RANGES

 **DH2401**

 **2024/03/05**

Instrument	Parameter	Unit	Low		Normal		High	
			LOT	DH2401L	LOT	DH2401N	LOT	DH2401H
HDCount 5, HDCount Advance	WBC	10 <sup>9</sup> /L		3.64 ± 0.50		8.42 ± 1.00		19.34 ± 2.50
	Neu#	10 <sup>9</sup> /L		1.90 ± 0.45		4.96 ± 1.05		12.59 ± 2.35
	Lym#	10 <sup>9</sup> /L		1.43 ± 0.35		2.38 ± 0.70		3.74 ± 1.40
	Mon#	10 <sup>9</sup> /L		0.12 ± 0.12		0.35 ± 0.35		1.02 ± 1.02
	Eos#	10 <sup>9</sup> /L		0.19 ± 0.19		0.73 ± 0.73		1.99 ± 1.99
	Bas#	10 <sup>9</sup> /L		0.17 ± 0.17		0.26 ± 0.26		0.43 ± 0.43
	Neu%			0.523 ± 0.120		0.589 ± 0.120		0.651 ± 0.120
	Lym%			0.393 ± 0.090		0.283 ± 0.080		0.194 ± 0.070
	Mon%			0.032 ± 0.032		0.041 ± 0.041		0.053 ± 0.053
	Eos%			0.053 ± 0.053		0.087 ± 0.087		0.103 ± 0.103
	Bas%			0.046 ± 0.046		0.031 ± 0.031		0.022 ± 0.022
	RBC	10 <sup>12</sup> /L		2.16 ± 0.18		4.41 ± 0.24		5.04 ± 0.30
	HGB	g/L		56 ± 4		133 ± 6		164 ± 8
	HCT			0.169 ± 0.015		0.397 ± 0.020		0.487 ± 0.024
	MCV	fL		78.2 ± 5.0		89.9 ± 5.0		97.7 ± 5.0
	MCH	pg		25.8 ± 2.5		30.2 ± 2.5		32.5 ± 2.5
	MCHC	g/L		331 ± 30		335 ± 30		336 ± 30
	RDW-CV	%		0.178 ± 0.030		0.162 ± 0.030		0.157 ± 0.030
	RDW-SD	fL		51.0 ± 8.0		53.2 ± 8.0		54.9 ± 8.0
	PLT	10 <sup>9</sup> /L		48 ± 20		252 ± 40		510 ± 60
	MPV	fL		8.7 ± 3.0		8.9 ± 3.0		8.6 ± 3.0
	PDW-CV	%		0.137 ± 0.050		0.139 ± 0.050		0.137 ± 0.050
	PDW-SD	fL		13.4 ± 5.0		13.9 ± 5.0		12.9 ± 5.0
	PCT	mL/L		0.42 ± 0.42		2.25 ± 1.00		4.39 ± 2.00
	P-LCC	10 <sup>9</sup> /L		10 ± 10		59 ± 25		106 ± 35
	P-LCR			0.217 ± 0.100		0.232 ± 0.100		0.207 ± 0.100

- Notes:
1. For expiry date please refer to the label on tube. Once opened, please use within 2 weeks if kept at 2-8°C.
  2. Before using, please gently mix well.
  3. The parameters with assay values listed above are provided to allow for testing of your instrument only.
  4. All brands and products are trademarks or registered trademarks of their respective companies.
  5. PDW's reference value: HDCount 5(Low:16.0±10.0 Normal:16.0±10.0 High:16.0±10.0).

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