




# Myt-5D

HEMATOLOGY CONTROLS

**CONTROL**

**LOT** MYT2404  
 **2024-06-05**

ASSAY VALUES AND EXPECTED RANGES

Instrument	Parameter	Low	Normal	High
		<b>LOT</b> MYT2404L	<b>LOT</b> MYT2404N	<b>LOT</b> MYT2404H
Orphée Mythic 22	WBC × 10 <sup>3</sup> /μL	2.8 ± 0.5	7.9 ± 1.2	20.2 ± 2.5
	RBC × 10 <sup>6</sup> /μL	2.10 ± 0.15	3.96 ± 0.20	4.78 ± 0.30
	HGB g/dL	5.9 ± 0.5	13.5 ± 0.7	17.1 ± 1.0
	HCT %	15.9 ± 2.0	35.8 ± 2.5	46.1 ± 3.0
	MCV fL	75.5 ± 5.0	90.5 ± 5.0	96.5 ± 5.0
	MCH pg	28.1 ± 2.5	34.1 ± 2.8	35.8 ± 2.8
	MCHC g/dL	37.2 ± 3.0	37.7 ± 3.0	37.1 ± 3.0
	RDW %	17.0 ± 4.0	15.5 ± 4.0	15.0 ± 4.0
	RDW-SD fL	46.0 ± 6.0	46.0 ± 7.0	50.0 ± 10.0
	PLT × 10 <sup>3</sup> /μL	52 ± 20	243 ± 35	496 ± 60
	MPV fL	9.5 ± 3.0	9.3 ± 3.0	9.2 ± 3.0
	NEU%	35.5 ± 9.0	51.5 ± 12.0	75.0 ± 12.0
	LYM%	51.0 ± 12.0	36.5 ± 12.0	15.5 ± 12.0
	MON%	10.5 ± 9.0	8.0 ± 7.0	4.0 ± 4.0
	EOS%	2.0 ± 2.0	3.0 ± 3.0	4.5 ± 4.5
	BAS%	1.0 ± 1.0	1.0 ± 1.0	1.0 ± 1.0
	NEU × 10 <sup>3</sup> /μL	1.0 ± 0.3	4.1 ± 1.0	15.2 ± 2.5
	LYM × 10 <sup>3</sup> /μL	1.4 ± 0.4	2.9 ± 1.0	3.1 ± 2.4
	MON × 10 <sup>3</sup> /μL	0.3 ± 0.3	0.6 ± 0.6	0.8 ± 0.8
	EOS × 10 <sup>3</sup> /μL	0.1 ± 0.1	0.2 ± 0.2	0.9 ± 0.9
	BAS × 10 <sup>3</sup> /μL	0.1 ± 0.1	0.1 ± 0.1	0.2 ± 0.2
	* PDW%	12.0 ± 6.0	13.5 ± 6.0	14.0 ± 6.0
	* PCT%	0.050 ± 0.030	0.220 ± 0.040	0.440 ± 0.060
* PLCR%	21.5 ± 10.0	20.0 ± 10.0	18.0 ± 10.0	

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**ORPHEE SA**  
 19, chemin du champ-des-filles  
 CH-1228 Geneva / Plan-les-Ouates  
 SWITZERLAND

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 ASO801-006 Rev. 06/23






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Instrument	Parameter	Low	Normal	High
		<b>LOT</b> MYT2404L	<b>LOT</b> MYT2404N	<b>LOT</b> MYT2404H
Orphée Mythic 22 AL	WBC × 10 <sup>3</sup> /μL	3.1 ± 0.5	8.4 ± 1.2	20.9 ± 2.5
	RBC × 10 <sup>6</sup> /μL	2.11 ± 0.15	4.01 ± 0.20	4.92 ± 0.30
	HGB g/dL	6.0 ± 0.5	13.5 ± 0.7	17.2 ± 1.0
	HCT %	16.6 ± 2.0	36.3 ± 2.5	47.0 ± 3.0
	MCV fL	78.5 ± 5.0	90.5 ± 5.0	95.5 ± 5.0
	MCH pg	28.4 ± 2.5	33.7 ± 2.8	35.0 ± 2.8
	MCHC g/dL	36.2 ± 3.0	37.2 ± 3.0	36.6 ± 3.0
	RDW %	17.0 ± 4.0	16.0 ± 4.0	15.5 ± 4.0
	RDW-SD fL	48.0 ± 6.0	45.0 ± 7.0	48.5 ± 10.0
	PLT × 10 <sup>3</sup> /μL	55 ± 20	248 ± 35	498 ± 60
	MPV fL	9.1 ± 3.0	9.0 ± 3.0	8.9 ± 3.0
	NEU%	36.0 ± 9.0	51.5 ± 12.0	76.0 ± 12.0
	LYM%	51.5 ± 12.0	37.5 ± 12.0	15.0 ± 12.0
	MON%	9.5 ± 9.0	7.0 ± 7.0	3.5 ± 3.5
	EOS%	2.0 ± 2.0	3.0 ± 3.0	4.5 ± 4.5
	BAS%	1.0 ± 1.0	1.0 ± 1.0	1.0 ± 1.0
	NEU × 10 <sup>3</sup> /μL	1.1 ± 0.3	4.3 ± 1.0	15.9 ± 2.6
	LYM × 10 <sup>3</sup> /μL	1.6 ± 0.4	3.2 ± 1.1	3.1 ± 2.5
	MON × 10 <sup>3</sup> /μL	0.3 ± 0.3	0.6 ± 0.6	0.7 ± 0.7
	EOS × 10 <sup>3</sup> /μL	0.1 ± 0.1	0.3 ± 0.3	0.9 ± 0.9
	BAS × 10 <sup>3</sup> /μL	0.1 ± 0.1	0.1 ± 0.1	0.2 ± 0.2
	* PDW%	14.0 ± 6.0	14.5 ± 6.0	15.0 ± 6.0
	* PCT%	0.050 ± 0.030	0.220 ± 0.040	0.430 ± 0.060
* PLCR%	20.0 ± 10.0	18.0 ± 10.0	17.0 ± 10.0	

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ASSAY VALUES AND EXPECTED RANGES

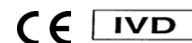
Instrument	Parameter	Low	Normal	High	
		<b>LOT</b> MYT2404L	<b>LOT</b> MYT2404N	<b>LOT</b> MYT2404H	
Orphée Mythic 60	WBC × 10 <sup>3</sup> /μL	3.1 ± 0.5	8.9 ± 1.2	21.5 ± 2.5	+++
	RBC × 10 <sup>6</sup> /μL	2.14 ± 0.15	4.00 ± 0.20	4.88 ± 0.30	
	HGB g/dL	5.9 ± 0.5	13.0 ± 0.7	16.3 ± 1.0	
	HCT %	16.3 ± 2.0	35.2 ± 2.5	46.4 ± 3.0	
	MCV fL	76.0 ± 5.0	88.0 ± 5.0	95.0 ± 5.0	
	MCH pg	27.6 ± 2.5	32.5 ± 2.8	33.4 ± 2.8	
	MCHC g/dL	36.3 ± 3.0	36.9 ± 3.0	35.2 ± 3.0	
	RDW %	13.0 ± 4.0	11.5 ± 4.0	11.5 ± 4.0	
	RDW-SD fL	43.0 ± 6.0	43.0 ± 7.0	46.0 ± 10.0	
	PLT × 10 <sup>3</sup> /μL	48 ± 20	252 ± 35	534 ± 60	
	MPV fL	9.9 ± 3.0	8.8 ± 3.0	8.4 ± 3.0	
	NEU%	35.5 ± 9.0	51.5 ± 12.0	76.0 ± 12.0	
	LYM%	53.0 ± 12.0	37.0 ± 12.0	15.5 ± 12.0	
	MON%	8.5 ± 8.0	7.5 ± 7.5	3.5 ± 3.5	
	EOS%	2.0 ± 2.0	3.0 ± 3.0	4.0 ± 4.0	
	BAS%	1.0 ± 1.0	1.0 ± 1.0	1.0 ± 1.0	
	* ALY%	3.0 ± 3.0	4.0 ± 4.0	4.0 ± 4.0	
	* IMM%	1.5 ± 1.5	1.5 ± 1.5	2.0 ± 2.0	
	NEU × 10 <sup>3</sup> /μL	1.1 ± 0.3	4.6 ± 1.1	16.3 ± 2.6	
	LYM × 10 <sup>3</sup> /μL	1.6 ± 0.4	3.3 ± 1.1	3.3 ± 2.6	
	MON × 10 <sup>3</sup> /μL	0.3 ± 0.3	0.7 ± 0.7	0.8 ± 0.8	
	EOS × 10 <sup>3</sup> /μL	0.1 ± 0.1	0.3 ± 0.3	0.9 ± 0.9	
	BAS × 10 <sup>3</sup> /μL	0.1 ± 0.1	0.1 ± 0.1	0.2 ± 0.2	
	* ALY × 10 <sup>3</sup> /μL	0.1 ± 0.1	0.4 ± 0.4	0.9 ± 0.9	
	* IMM × 10 <sup>3</sup> /μL	0.1 ± 0.1	0.1 ± 0.1	0.4 ± 0.4	
	* PDW%	12.0 ± 6.0	18.0 ± 6.0	20.5 ± 6.0	
	* PCT%	0.050 ± 0.030	0.210 ± 0.040	0.430 ± 0.060	
	* PLCR%	23.0 ± 10.0	18.0 ± 10.0	15.5 ± 10.0	

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Instrument	Parameter	Low	Normal	High	++++
		<b>LOT</b> MYT2404L	<b>LOT</b> MYT2404N	<b>LOT</b> MYT2404H	
<b>Orphée Mythic 70</b>	WBC × 10 <sup>3</sup> /μL	3.2 ± 0.5	8.6 ± 1.2	21.9 ± 2.5	
	RBC × 10 <sup>6</sup> /μL	2.15 ± 0.15	4.04 ± 0.20	4.91 ± 0.30	
	HGB g/dL	6.0 ± 0.5	13.0 ± 0.7	16.4 ± 1.0	
	HCT %	16.4 ± 2.0	35.6 ± 2.5	47.1 ± 3.0	
	MCV fL	76.5 ± 5.0	88.0 ± 5.0	96.0 ± 5.0	
	MCH pg	27.9 ± 2.5	32.2 ± 2.8	33.4 ± 2.8	
	MCHC g/dL	36.5 ± 3.0	36.6 ± 3.0	34.8 ± 3.0	
	RDW %	14.0 ± 4.0	13.0 ± 4.0	12.0 ± 4.0	
	RDW-SD fL	47.5 ± 6.0	49.0 ± 7.0	50.5 ± 10.0	
	PLT × 10 <sup>3</sup> /μL	52 ± 20	249 ± 35	509 ± 60	
	MPV fL	10.1 ± 3.0	9.3 ± 3.0	9.1 ± 3.0	
	NEU%	35.5 ± 9.0	51.5 ± 12.0	76.0 ± 12.0	
	LYM%	50.5 ± 12.0	36.5 ± 12.0	15.5 ± 12.0	
	MON%	11.0 ± 9.0	8.0 ± 8.0	3.5 ± 3.5	
	EOS%	2.0 ± 2.0	3.0 ± 3.0	4.0 ± 4.0	
	BAS%	1.0 ± 1.0	1.0 ± 1.0	1.0 ± 1.0	
	* ALY%	4.0 ± 4.0	4.0 ± 4.0	4.0 ± 4.0	
	* IMM%	2.0 ± 2.0	2.0 ± 2.0	2.5 ± 2.5	
	NEU × 10 <sup>3</sup> /μL	1.1 ± 0.3	4.4 ± 1.1	16.6 ± 2.7	
	LYM × 10 <sup>3</sup> /μL	1.6 ± 0.4	3.1 ± 1.1	3.4 ± 2.7	
	MON × 10 <sup>3</sup> /μL	0.4 ± 0.4	0.7 ± 0.7	0.8 ± 0.8	
	EOS × 10 <sup>3</sup> /μL	0.1 ± 0.1	0.3 ± 0.3	0.9 ± 0.9	
	BAS × 10 <sup>3</sup> /μL	0.1 ± 0.1	0.1 ± 0.1	0.2 ± 0.2	
	* ALY × 10 <sup>3</sup> /μL	0.1 ± 0.1	0.3 ± 0.3	0.9 ± 0.9	
	* IMM × 10 <sup>3</sup> /μL	0.1 ± 0.1	0.2 ± 0.2	0.5 ± 0.5	
	* PDW%	10.5 ± 6.0	18.0 ± 6.0	19.5 ± 6.0	
	* PCT%	0.055 ± 0.030	0.240 ± 0.040	0.485 ± 0.060	
	* PLCR%	26.5 ± 10.0	19.0 ± 10.0	18.0 ± 10.0	
	* PLCC × 10 <sup>3</sup> /μL	14 ± 5	47 ± 25	92 ± 51	

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