

Revised 2022-12-13



# Myt-5D

HEMATOLOGY CONTROLS

**CONTROL**

**LOT** MYT2212  
 **2023-02-05**

ASSAY VALUES AND EXPECTED RANGES

Instrument	Parameter	Low	Normal	High
		<b>LOT</b> MYT2212L	<b>LOT</b> MYT2212N	<b>LOT</b> MYT2212H
Orphée <b>Mythic 22 AL</b>	WBC × 10 <sup>3</sup> /μL	2.7 ± 0.5	7.6 ± 1.2	19.9 ± 2.5
	RBC × 10 <sup>6</sup> /μL	1.90 ± 0.15	4.15 ± 0.20	4.80 ± 0.30
	HGB g/dL	5.7 ± 0.5	13.5 ± 0.7	16.9 ± 1.0
	HCT %	15.6 ± 2.0	35.7 ± 2.5	<b>46.6 ± 3.0</b>
	MCV fL	82.0 ± 5.0	86.0 ± 5.0	<b>97.0 ± 5.0</b>
	MCH pg	30.0 ± 2.5	32.5 ± 2.8	35.2 ± 2.8
	MCHC g/dL	36.6 ± 3.0	37.8 ± 3.0	<b>36.3 ± 3.0</b>
	RDW %	16.0 ± 4.0	17.0 ± 4.0	17.0 ± 4.0
	RDW-SD fL	49.0 ± 6.0	50.0 ± 7.0	53.5 ± 10.0
	PLT × 10 <sup>3</sup> /μL	49 ± 20	250 ± 35	495 ± 60
	MPV fL	10.1 ± 3.0	10.1 ± 3.0	10.1 ± 3.0
	NEU%	34.0 ± 9.0	51.0 ± 12.0	73.5 ± 11.0
	LYM%	49.5 ± 12.0	35.0 ± 12.0	15.0 ± 10.0
	MON%	12.0 ± 9.0	8.0 ± 7.0	4.0 ± 4.0
	EOS%	3.5 ± 3.5	5.0 ± 5.0	6.5 ± 6.5
	BAS%	1.0 ± 1.0	1.0 ± 1.0	1.0 ± 1.0
	NEU × 10 <sup>3</sup> /μL	0.9 ± 0.3	3.9 ± 1.0	14.6 ± 2.2
	LYM × 10 <sup>3</sup> /μL	1.3 ± 0.4	2.7 ± 1.0	3.0 ± 2.0
	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	0.4 ± 0.4	1.3 ± 1.3
	BAS × 10 <sup>3</sup> /μL	0.1 ± 0.1	0.1 ± 0.1	0.2 ± 0.2
* PDW	13.0 ± 6.0	15.0 ± 6.0	16.0 ± 6.0	
* PCT	0.050 ± 0.030	0.250 ± 0.040	0.505 ± 0.060	
* PLCR	25.5 ± 10.0	26.0 ± 10.0	25.5 ± 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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ASSAY VALUES AND EXPECTED RANGES

Instrument	Parameter	Low	Normal	High
		<b>LOT</b> MYT2212L	<b>LOT</b> MYT2212N	<b>LOT</b> MYT2212H
<b>Orphée Mythic 60</b>	WBC × 10 <sup>3</sup> /μL	2.9 ± 0.5	8.0 ± 1.2	20.5 ± 2.5
	RBC × 10 <sup>6</sup> /μL	1.91 ± 0.15	4.12 ± 0.20	4.74 ± 0.30
	HGB g/dL	5.7 ± 0.5	12.8 ± 0.7	15.9 ± 1.0
	HCT %	15.3 ± 2.0	34.2 ± 2.5	44.6 ± 3.0
	MCV fL	80.0 ± 5.0	83.0 ± 5.0	94.0 ± 5.0
	MCH pg	29.8 ± 2.5	31.1 ± 2.8	33.5 ± 2.8
	MCHC g/dL	37.3 ± 3.0	37.4 ± 3.0	35.7 ± 3.0
	RDW %	12.0 ± 4.0	12.5 ± 4.0	13.0 ± 4.0
	RDW-SD fL	38.0 ± 6.0	45.5 ± 7.0	52.0 ± 10.0
	PLT × 10 <sup>3</sup> /μL	50 ± 20	265 ± 35	517 ± 60
	MPV fL	10.5 ± 3.0	9.8 ± 3.0	9.5 ± 3.0
	NEU%	36.0 ± 9.0	53.5 ± 12.0	75.5 ± 10.0
	LYM%	50.0 ± 12.0	35.0 ± 12.0	15.5 ± 9.0
	MON%	10.0 ± 8.0	7.0 ± 7.0	3.0 ± 3.0
	EOS%	3.0 ± 3.0	3.5 ± 3.5	5.0 ± 5.0
	BAS%	1.0 ± 1.0	1.0 ± 1.0	1.0 ± 1.0
	* ALY%	5.5 ± 5.5	5.0 ± 5.0	5.0 ± 5.0
	* IMM%	1.5 ± 1.5	1.0 ± 1.0	1.5 ± 1.5
	NEU × 10 <sup>3</sup> /μL	1.0 ± 0.3	4.3 ± 1.0	15.5 ± 2.1
	LYM × 10 <sup>3</sup> /μL	1.5 ± 0.4	2.8 ± 1.0	3.2 ± 1.9
	MON × 10 <sup>3</sup> /μL	0.3 ± 0.3	0.6 ± 0.6	0.6 ± 0.6
	EOS × 10 <sup>3</sup> /μL	0.1 ± 0.1	0.3 ± 0.3	1.0 ± 1.0
	BAS × 10 <sup>3</sup> /μL	0.1 ± 0.1	0.1 ± 0.1	0.2 ± 0.2
	* ALY × 10 <sup>3</sup> /μL	0.2 ± 0.2	0.4 ± 0.4	1.0 ± 1.0
	* IMM × 10 <sup>3</sup> /μL	0.1 ± 0.1	0.1 ± 0.1	0.3 ± 0.3
	* PDW	11.0 ± 6.0	20.0 ± 6.0	21.0 ± 6.0
	* PCT	0.050 ± 0.030	0.250 ± 0.040	0.500 ± 0.060
	* PLCR	29.0 ± 10.0	25.0 ± 10.0	23.0 ± 10.0

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