

## Blood Smear Analysis, PT/EQA 1404 1st Round

<b>Laboratory</b>	آزمایشگاه پاتوبیولوژی و ژنتیک گرگان
<b>Test Date</b>	1404/06/20

## Blood Cell Differentiation

Parameters %	Percent of Participant results %												Expert Result	Your Result
	No answer	0	0-5	5-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80- 100		
Band Cells	75	20	1	0	0	0	0	1	1	0	0	2	-	-
Blasts	39	6	5	0	1	4	1	4	3	1	8	28	91	60
Hairy Cells	82	17	1	0	0	0	0	0	0	0	0	0	-	-
Lymphoblast	60	13	5	8	1	4	1	3	0	1	2	2	-	5-10
Lymphocytes	17	0	20	16	15	6	4	3	4	3	3	9	7	30-50
Lymphocytes, variant form	68	10	7	6	3	0	2	0	1	0	0	3	-	-
Prolymphocytes	68	10	3	8	2	5	0	1	1	1	0	1	-	-
Megakaryoblasts	84	15	0	0	0	0	0	0	0	0	0	1	-	-
Monoblasts	85	8	4	0	1	0	0	1	0	0	1	0	-	-
Monocytes	55	2	39	3	0	1	0	0	0	0	0	0	1	0-5
Promonocytes	84	13	0	1	1	0	0	1	0	0	0	0	-	-
Eosinophils	48	8	42	2	0	0	0	0	0	0	0	0	-	-
Basophils	65	9	25	1	0	0	0	0	0	0	0	0	-	-
Myelocytes	73	8	8	3	7	1	0	0	0	0	0	0	-	-
Promyelocytes	68	7	11	3	2	5	1	0	0	0	2	1	-	-
Metamyelocytes	71	9	11	5	4	0	0	0	0	0	0	0	-	-
Myeloblasts	70	5	1	2	3	0	3	1	1	0	4	10	-	-
Neutrophils	12	0	62	20	3	0	2	0	1	0	0	0	1	0-5
Plasma Cells	85	13	2	0	0	0	0	0	0	0	0	0	-	-
Pronormoblasts	88	11	1	0	0	0	0	0	0	0	0	0	-	-

توضیحات: هر دامنه شامل عدد بزرگ دامنه می شود، به طور مثال عدد 5 در بازه ی 0-5 قرار می گیرد. این توافق برای همه دامنه ها صدق میکند.



## Blood Smear Analysis, PT/EQA 1403 3rd Round

Parameters	Percent of Participant results %								Expert Result	Your Result
	No answer	0	0-3	3-5	5-10	10-15	15-20	> 20		
NRBC (per 100 WBC)	31	0	47	18	2	0	0	2	0.5	1.5%

توضیحات: هر دامنه شامل عدد بزرگ دامنه می شود، به طور مثال عدد 3 در بازه ی 0-3 قرار می گیرد.

## Possible Diagnosis

Participants Consensus Diagnosis	Expert Diagnosis	Your result
Acute myelocytic leukemia (AML)	Acute myelocytic leukemia (AML)	AML

## Blood Cell Morphology

Parameters	Percent of Participant results %					Expert Result	Your Result	
	No answer	0	Few +1	Mod +2	Many +3			
WBC Morph.	Smudge cell/Basket cells	58	2	32	8	0	Few	-
	Toxic granulation	86	12	2	0	0	-	-
	Hypersegmentation Neutrophil	87	11	2	0	0	-	-
		No answer	Absence		Presence		Expert Result	Your Result
	Dohle Inclusion Body	89	11		0		-	-
	May-Hegglin anomaly	89	11		0		-	-
	Alder-Reilly anomaly	89	11		0		-	-
	Pelger-Huet anomaly	89	10		1		-	-
	Chediak-Higashi anomaly	89	11		0		-	-

## Blood Cell Morphology

Parameters		Percent of Participant results %					Expert Result	Your Result
		No answer	0	Few +1	Mod +2	Many +3		
RBC Morph.	Acanthocytes	83	9	7	1	0	-	-
	Anisocytosis	38	1	32	26	3	Few	Mod/+2
	Basophilic Stippling	89	10	1	0	0	-	-
	Bite Cells	85	9	6	0	0	-	-
	Blister Cells	88	10	2	0	0	-	-
	Irregularly Contracted Cells	90	5	5	0	0	-	-
	Howell-Jolly Bodies	83	11	6	0	0	-	-
	Echinocytes	81	8	10	1	0	Few	-
	Elliptocytes	83	8	9	0	0	-	-
	Hypochromia	26	1	11	52	10	Mod	Mod/+2
	Macrocytes	80	6	12	1	1	-	-
	Microcytes	59	3	20	17	1	Few	-
	Oval Macrocytes	86	6	7	1	0	-	-
	Ovalocytes	77	7	14	2	0	-	-
	Pappenheimer Bodies	89	11	0	0	0	-	-
	Polychromasia	76	7	15	2	0	-	-
	Rouleaux Formation	86	10	3	1	0	-	-
	Schistocytes	79	7	13	1	0	-	-
	Sickle Cells	86	11	3	0	0	-	-
	Spherocytes	89	10	1	0	0	-	-
Stomatocytes	85	11	4	0	0	-	-	
Target Cells	81	9	9	1	0	-	-	
Teardrop Cells	73	6	19	1	1	Few	-	
PLT Morph.	Giant Platelets	79	9	11	1	0	-	-