

Picked up in Morphology – Abnormal lymphocytes.

Haematology	02-12-2019 15:42	21-08-2019 21:10	21-08-2019 18:47	12-02-2018 19:33	28-11-2017 09:40
FBE					
Hb	139		128	120	136
WBC	11.38		9.42	8.23	6.81
Platelets	273		241	221	228
Hct	0.42		0.38	0.36	0.40
MCV	96		95	96	97
MCH	31.8		32.1	32.0	33.0
MCHC	332		337	337	339
RBC	4.36		4.01	3.71	4.13
RDW	14.3		13.8	14.7	13.9
Neutrophils	4.91		5.12	5.05	3.42
Lymphocytes	6.10		3.34	2.26	2.46
Monocytes	0.23		0.75	0.80	0.67
Eosinophils	0.10		0.16	0.11	0.20
Basophils	0.05		0.05	0.02	0.05
Morphology	* (c) Comment				
Coagulation					
Anticoagulant?		None			
INR		1.0			
PT		13.5			
APTT		* 37.3			
Fibrinogen Level		3.0			
TCT		16.7			

Sample quality: Acceptable

Comments: Peripheral Blood
 Lymphocytes represented 51% of total nucleated cells and were comprised of clonal B-cells (58%), NK cells (9%) and mature T-cells (33%) with a CD4:CD8 ratio of 1.7.

Clonal B cells represent 58% of lymphocytes and are positive for: CD19+; bright CD20+; CD22+; FMC7+; dim CD38+ and surface immunoglobulin with bright Lambda light chain restriction. They are negative for: CD5-; CD10-; CD23-; CD25-; CD11c- and CD103-. Clonal B-cells <5000/uL

Conclusion: The abnormal population of lymphocytes expresses CD19, CD20, and surface immunoglobulin with lambda light chain restriction but do not express CD5, CD10, or CD23. This phenotype is consistent with marginal zone lymphoma and lymphoplasmacytic lymphoma however some cases of large B cell lymphoma can share this phenotype.

Please correlate with morphology.

2.) (Medium Importance) Result Comment by :Melbourne/The Alfred
 on 03 December, 2019 12:55

Comments : Red cells appear normal. White cells show bi-lobed lymphocytes. Platelets appear normal. Film referred to Haematologist. INTERIM report.

Performed by: The lymphocytes are abnormal. The peripheral blood has been sent for flow cytometry. Suggest examine for lymphadenopathy and hepatosplenomegaly.