

Date: September 15, 2016

Re: **Flow Cytometry Sézary Panel**

The flow cytometry section of the Clinical Hematology Laboratory will perform an updated Sézary panel which includes Absolute lymphocyte count, CD4, CD8, CD7, CD26 percent and absolute values. The order code for the Sézary Panel is LABHESEZP and can be located by using the order code or the test name Sézary Panel.

The Sézary panel is available Monday –Friday, 8:30am-5:30pm and on Saturday, 8:30am - 3:00pm. The results will be reported with labs instead of pathology. This will permit generating trend graphs for the reported percentages and absolutes. An example of the results display in EPIC is as follows:

Test Name	Procedure Code	Lab	CSN	Epic Order#
SEZARY PANEL [105148]	LABHESEZP	UNIVERSITY OF CHICAGO HOSPITALS LABORATORIES [1]	60000626	97047038
Link to Printable Report				
Click here for printable report				
8/29/2016 8:11 AM - Lab Interface				
Component Results				
Component	Value	Ref Range & Units		
Reason For Test				
THIS IS A TEST FOR SEZARY PANEL				
Abs Lymphocytes	1200.00	1200 - 3265 /uL		
% CD4+/CD3+	45.00	35 - 60 %		
% CD8+/CD3+	25.00	14 - 38 %		
% CD4+/CD7-	27.00	%		
% CD4+/CD26-	6.00	%		
Abs CD4	540.00	515 - 1642 /uL		
Abs CD8	300.00	212 - 887 /uL		
ABSOLUTE CD4+/CD7-	324.00	/uL		
ABSOLUTE CD4+/CD26-	72.00	/uL		
Ratio CD4:CD8	1.8	0.9 - 3.3		
SEZARY COMMENT				
CD4+ CD7- or CD4+ CD26- T-cells can				
Comment:				
be seen in reactive conditions including benign inflammatory dermatoses as well as in patients with mycoses fungoides and Sézary syndrome. These results should be interpreted in the patient's clinical context (see reference below).				
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The percentages and numbers have been reviewed by the pathologist.				
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Reference: Hristov AC, Vonderheid EC, Borowitz MJ. Simplified flow cytometric assessment in mycosis fungoides and Sézary syndrome. Am J Clin Pathol. 2011 Dec, 136(6):944 to 53				
REVIEWED BY & COMMENTS				
Interpreted by Dr. S. Gurbuxani, Hematopathologist				

Please call the Hematology Laboratory at 2-1314 if you have any questions or need additional information.

Thank you