Warde Medical Laboratory

LABORATORY REPORT

Example Client, XYZ123
1234 Warde Road
Ann Arbor MI 48108

EXAMPLE, REPORT W
WX0000003827 M 07/08/1978 45 Y

Referral Testing

Collected: 08/30/2023 13:51 Received: 08/30/2023 13:51

Test Name	Result	Flag	Ref-Ranges	Units	Site
CD203	See Below				WMNJ

Flow Cytometry
Test Name: IgE Receptor Antibody

Results:
Population: Basophils

Marker Name	Result	Unit	Ref Range	H/L
CD203c (Percent of Basophils)	5.4	%	0-12	

Interpretation:
No interpretive commentary necessary.

Chronic autoimmune urticaria (CIU) may be associated with autoantibodies to the high affinity IgE receptor (Fc-epsilon R1) or to IgE. In the presence of these autoantibodies, cross-linking of the Fc-epsilon-R1 receptor occurs, leading to basophil activation. The laboratory tests for the activation of donor basophils by CIU serum by analyzing the expression of the basophil specific ectoenzyme, CD203c. CD203c is upregulated on the surface of basophils following activation. A positive result is indicative of the presence of autoantibodies associated with CIU, but may also be due to other basophil-activating serum factors. Results must be correlated with clinical findings. The reference range was developed by the National Jewish Health Advanced Diagnostic Laboratories by analyzing 80 healthy control serum samples.

REFERENCE(S):
Chronic urticaria sera increase basophil CD203c expression. Yasnowsky KM1, Dreskin SC, Efaw B, Schoen D, Vedanthan PK, Alam R, Harbeck RJ, J Allergy Clin Immunol. 2006 Jun; 117(6):1430-4.

Disclaimer:
This test uses a kit/reagent designated by the manufacturer as "for research use, not for clinical use" as well as one or more reagents classified as an analyte specific reagent (ASR). The performance characteristics of this test have been validated by Advanced Diagnostic Laboratories at National Jewish Health. It has not been cleared or approved by the US Food and Drug Administration. The results are not intended to be used as the sole means for clinical diagnosis or patient management decisions. This laboratory is certified under the Clinical Laboratory Improvement Amendments of 1988 (CLIA-88) as qualified to perform high complexity clinical laboratory

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testing.

For additional information, including test methodology,
please refer to the ADx Test Directory at www.NJLabs.org
Medical Director: Steve Groshong, M.D., PhD
Advanced Diagnostic Laboratories, National Jewish Health

Test(s) performed at
National Jewish Health
Advanced Diagnostic Laboratories
1400 Jackson Street
Denver, CO 80206
Medical Director: Steve Groshong, M.D., PhD
CAP#2178901 CLIA#06D0644307

Performing Site:
WMNJ: NATIONAL JEWISH HEALTH 1400 JACKSON STREET DENVER CO 80206

Reported Date: 2023.08.30 13:51