



Patient ID SA00149711	Patient Name SAMPLE REPORT, FIERA NORMAL	Birth Date 1974-12-31	Gender F	Age 46
Order Number SA00149711	Client Order Number SA00149711	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 06 Dec 2021 00:00		

IgE Receptor Antibody

CD203c (Percent of Basophils)

Y081

2 %

Reference Value
0-12

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.

REFERENCES:

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 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

Interpretation:

Y081

No interpretive commentary necessary.

Received: 07 Dec 2021 11:20

Reported: 07 Dec 2021 16:48

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
Y081	National Jewish Health	Advanced Diagnostic Laboratories, 1400 Jackson Street, Denver, CO 80206		