

Patient ID SAMPLE	Patient Name PATIENT, TEST	Birth Date 1989-08-04	Sex F	Age 35
Order Number SAMPLE	Client Order Number SAMPLE	Ordering Physician SAMPLE	Report Notes Sample Report	
Account Information SAMPLE		Collected 22 Sep 2024 14:43		

X-Linked Hyper IgM Syndrome, B

Hyper IgM Functional

Present

SDL
Reference Value
Present

CD40mulg (Function)

Present

SDL
Reference Value
Present

Interpretation

1 SDL

There is normal activation of CD4 T cells with CD69 expression. CD40L (CD154) expression on activated CD4 T cells is normal and binding of CD40 ligand to soluble receptor- CD40ulg is also normal. There does not appear to be evidence of a distinct positive and negative population as seen in carrier females for X-linked Hyper IgM syndrome (XL-HIGM). Therefore, this result does not appear to be consistent with skewed lyonization or carrier status for XL-HIGM in this female patient.

Received: 23 Sep 2024 14:38

Reported: 23 Sep 2024 14:43

Laboratory Notes

- 1 Analyte Specific Reagent: This test was developed and its performance characteristics determined by Mayo Clinic. It has not been cleared or approved by the U.S. Food and Drug Administration.

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
SDL	Mayo Clinic Laboratories - Rochester Superior Drive	3050 Superior Drive NW, Rochester MN 55905	Nikola Baumann Ph.D.	24D1040592