

Patient ID SAMPLE	Patient Name PATIENT, TEST	Birth Date 1990-08-02	Sex U	Age 33
Order Number SAMPLE	Client Order Number SAMPLE	Ordering Physician SAMPLE	Report Notes Sample Report	
Account Information SAMPLE		Collected 01 Aug 2024 15:26		

Btk Protein Flow, B

1 SDL

Btk protein is normally present intracellularly in B cells and monocytes and detected by flow cytometry. CD20+ B cells are essentially absent in this male patient at 0.2%. Intracellular Btk protein expression appears to be essentially normal in monocytes (MFI = 1.22) relative to experimental control (MFI = 1.53). This result does not rule out a diagnosis of X-linked agammaglobulinemia (XLA) for this male patient since approximately 25–30% of BTK gene mutations permit Btk protein expression while abrogating function. Recommend BTK genetic testing.

Received: 02 Aug 2024 15:21

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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