Test Definition: BTKS

Bruton's Tyrosine Kinase (BTK) Genotype, Full Gene Sequence

Reporting Title: BTK, Full Gene Sequence
Performing Location: Rochester

Specimen Requirements:

Multiple whole blood EDTA genotype tests can be performed on a single specimen after a single extraction. See Multiple Whole Blood EDTA Genotype Tests in Special Instructions for a list of tests that can be ordered together.

Container/Tube: Lavender top (EDTA)
Specimen Volume: 3 mL
Collection Instructions: Send specimen in original tube.
Additional Information:
1. Ordering physician name and phone number are required.
2. Bone marrow transplants will interfere with testing. Call Mayo Medical Laboratories at 800-533-1710 or 507-266-5700 for instructions.
3. Transfusions will interfere with testing for up to 4 to 6 weeks. DNA obtained from white cells may not provide useful information for patients who received a recent transfusion of blood that was not leukocyte-reduced. Wait 4 to 6 weeks until transfused cells have left the patient's circulation before drawing the patient's blood specimen for genotype testing.
Forms:
1. Bruton's Tyrosine Kinase (BTK) Genotype Patient Information Sheet (Supply T620) in Special Instructions.
2. New York Clients-Informed consent is required. Please document on the request form or electronic order that a copy is on file. An Informed Consent for Genetic Testing (Supply T576) is available in Special Instructions.

Specimen Type	Temperature	Time
Whole Blood EDTA	Refrigerated (preferred)	
	Ambient	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
29305	BTK Full Gene Result	Alphanumeric		In Process
45486	BTK Full Gene Interpretation	Alphanumeric		69047-9
45487	Reviewed By	Numeric		N/A
BTKSQ	BTK, Full Gene Sequencing	Alphanumeric		35295-5

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Bruton's Tyrosine Kinase (BTK) Genotype, Full Gene Sequence

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
BTKSP	BTK, Full Gene Sequence			Yes	No
BTKSQ	BTK, Full Gene Sequencing			Yes	No

CPT Code Information:

81479 -Unlisted molecular pathology procedure

Reference Values:

An interpretive report will be provided.