Test Definition: UGTI

UDP-Glucuronosyl Transferase 1A1 (UGT1A1), Full Gene Sequencing, Irinotecan Hypersensitivity

Reporting Title: UGT1A1 Gene Sequence, Irinotecan
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. Bone marrow and liver transplants will interfere with testing. Call Mayo Medical Laboratories at 800-533-1710 or 507-266-5700 for instructions.
2. 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: 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	Ambient (preferred)	
	Refrigerated	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
89397	UGT1A1 Irinotecan Result	Alphanumeric		34509-0
29339	UGT1A1 Irinotecan Interp	Alphanumeric		69047-9
29340	Reviewed by	Numeric		N/A
UGTSQ	UGT, Full Gene Sequencing	Alphanumeric		In Process

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
UGT1	UGT1A1 Gene Sequence, Irinotecan			Yes	No

Test Definition: UGTI

UDP-Glucuronosyl Transferase 1A1 (UGT1A1), Full Gene Sequencing, Irinotecan Hypersensitivity

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
UGTSQ	UGT, Full Gene Sequencing			Yes	No

CPT Code Information:

81350-UGT1A1 (UDP glucuronosyltransferase 1 family, polypeptide AI) (eg, irinotecan metabolism), gene analysis, common variants (eg, *28, *36, *37)

Reference Values:

An interpretive report will be provided.