MAYO CLINIC
Mayo Medical Laboratories

Test Definition: UGTIO

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

Reporting Title: UGT1A1 Sequence, Irinotecan, Saliva
Performing Location: Rochester

Specimen Requirements:

Multiple saliva genotype tests can be performed on a single specimen after a single extraction. See Multiple Saliva Genotype Tests in Special Instructions for a list of tests that can be ordered together.

Container/Tube: Oragene DNA Self-Collection Kit (Supply T651)
Specimen Volume: Full tube
Collection Instructions:
1. Fill tube to line.
2. Send specimen in original container per kit instructions.
Additional Information: Liver transplants will interfere with testing. Call Mayo Medical Laboratories at 800-533-1710 or 507-266-5700 for instructions.
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
Saliva	Ambient	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
33025	UGT1A1 Irinotecan Result	Alphanumeric		In Process
33026	Reviewed by	Numeric		N/A
33027	UGT1A1 Irinotecan Interp	Alphanumeric		69047-9
UGTSQ	UGT, Full Gene Sequencing	Alphanumeric		In Process

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
UGT1O	UGT1A1 Gene Sequence, Irinotecan			Yes	No
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.