MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
SAMPLEREPORT,UGTIO	SA00055164	46	F	SA00055164
Ordering Phys UNKNOWN,PROVIDER				**DOB** 06/10/1966
Client Order # SA00055164	**Account Information**			**Report Notes**
Collected 03/15/2013 01:28	C7028846-DLMP Rochester 3050 Superior Drive Rochester, MN 55901			
Printed 05/28/2013 14:14				

Test	Flag	Results	Unit	Reference Value	Perform Site*
UGT1A1 Sequence, Irinotecan, Saliva			REPORTED 05/28/2013 13:41		
UGT1A1 Gene Sequence, Irinotecan					
UGT1A1 Irinotecan Result					MCR
This individual was shown to have the following mutation(s) in the UGT1A1 gene: heterozygous *28 (TA 6/7) (c.-40_-39insTA).					
Reviewed by		Jamie Bruflat			MCR
UGT1A1 Irinotecan Interp					MCR
Heterozygosity for the *28 TA7 promoter repeat polymorphism is associated with increased risk (approximately 1 in 12) for severe neutropenia when treated with the standard doses of irinotecan. The drug labeling should be consulted for dose recommendations. Bidirectional DNA sequence analysis was used to test for the presence of mutations in the promoter, exons, exon-intron boundaries, and 3'-untranslated region of the UGT1A1 gene. A small percentage of individuals who manifest toxicity following irinotecan chemotherapy may have a mutation that is not identified by the methods described above. A list of common polymorphisms identified for this patient is available from the laboratory upon request.					
CAUTIONS: Rare polymorphisms exist that could lead to false negative or false positive results. Test results should be interpreted in the context of clinical findings, family history, and other laboratory data. Large deletions or rearrangements are not detected by this assay and these may affect UGT1A1 protein expression and the ability to conjugate irinotecan metabolites. Laboratory developed test.					
UGT, Full Gene Sequencing		Performed			MCR

* Performing Site:

MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director: Franklin R. Cockerill, III, M.D.

Patient Name	Collection Date and Time	Report Status
SAMPLEREPORT,UGTIO	03/15/2013 01:28	Final
		** End of Report **

* Report times for Mayo performed tests are CST/CDT