

> **BRAF Mutation Analysis (V600E)**
Order Name: BRAF MUTAT

Test Number: 9100925

TEST COMPONENTS		REV DATE: 01/09/2012
Test Name:	Methodology:	
BRAF Mutation Analysis (V600E)	PCR	

SPECIMEN REQUIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred	See Instructions	Tissue	Paraffin Block	Room Temperature
Special Instructions:	Formalin fixed paraffin embedded tissue. Tissue source and block ID containing tumor are required on the requisition form. Pathology permission is required for any alternate sample types.			

GENERAL INFORMATION	
Testing Schedule:	Mon,Thru
Expected TAT:	6-10 Days from set up
Clinical Use:	The BRAF V600E mutation has been identified in 40% to 60% of malignant melanomas. The majority of BRAF mutations seen in melanoma occur in codon 600; the predominant mutation in this codon is V600E (GTG to GAG). Recent clinical trial data show promising results following treatment of melanoma with the BRAF V600E inhibitor, PLX4032 (RG7204, vemurafenib [ZELBORAF(R)]; Plexxikon/Roche Pharmaceuticals). Eighty-one percent of patients harboring the V600E BRAF mutation had complete or partial tumor regression. This BRAF V600E mutation test can be used to help select melanoma patients who are more likely to respond to treatment with vemurafenib. Vemurafenib is not recommended for use in patients with wild type BRAF.
Cpt Code(s):	83891, 83898x3, 83894x3, 83892x3, 83909x3, 83904x3, 83912



> **Estrogen**

Order Name: **ESTROGEN**

Test Number: 2024025

TEST COMPONENTS		REV DATE: 01/24/2012
Test Name:	Methodology:	
Estrogen	RIA	

SPECIMEN REQUIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred	1 mL (0.5)	Serum	Clot Activator SST (Red/Gray or Tiger Top)	Refrigerated

GENERAL INFORMATION	
Testing Schedule:	Sun-Sat
Expected TAT:	7-14 days
Clinical Use:	The measurements may be utilized to evaluate the estrogen status in children and adults where the clinician is not concerned about the E2/E1 ratio. Also use to monitor the HMG dosage.
Cpt Code(s):	82672



> **HIV-1 Antibody, Western Blot**

Order Name: WESTRN BLT

Test Number: 5512375

TEST COMPONENTS		REV DATE: 01/11/2012
Test Name:	Methodology:	
HIV-1 Antibody, Western Blot	WB	

SPECIMEN REQUIREMENTS				
	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred	1mL (0.5)	Serum	Clot Activator SST (Red/Gray or Tiger Top)	Refrigerated
Special Instructions:	NOTE: Please send Serum in the Original Collection Tube if sending a specimen to RML for confirmation of HIV serology testing performed at your laboratory. Do not send glass tubes.			

GENERAL INFORMATION	
Testing Schedule:	Mon - Sat
Expected TAT:	2-3 Days
Cpt Code(s):	86689

> **Potassium, Feces**

Order Name: POTAS FEC

Test Number: 3503125

TEST COMPONENTS	REV DATE: 01/24/2012
-----------------	----------------------

Test Name: Potassium, Feces	Methodology: ISE
---------------------------------------	----------------------------

SPECIMEN REQUIREMENTS

	Specimen Volume(min)	Specimen Type	Specimen Container	Transport Environment
Preferred	5g(1g)	Fecal/Stool	Sterile Orange Screwtop Container	Frozen
Special Instructions:	Random or 24 hour collection of feces. Send entire collection sample in a plastic leak-proof container with screw cap. Submit a well mixed timed stool collection. Record total collection time (Random, 24, 48, or 72 hours). Keep refrigerated during collection. Do not submit specimen in metal paint cans, as processing poses a safety hazard. Specimens received in paint cans will be rejected. Stability: Ambient= 1 hour; Refrigerated= 2 weeks; Frozen= 6 months. Unacceptable Specimens: Formed or viscous stool.			

GENERAL INFORMATION

Testing Schedule:	Tues, Thur
Expected TAT:	5 Days
Cpt Code(s):	84999