

Test Additions

Effective Immediately

2844 **Y Chromosome Microdeletions, Molecular Detection**

Component	Method	Reference Range
SEPRT	Direct Mutation Analysis by PCR	Abnormal = the presence of 1 or more deletions in specific regions of the Y chromosome (designated AZFa, AZFb, & AZFc) Normal = the absence of deletions in the regions of the Y chromosome under test.
Specimen Required	Specimen must arrive within 96 hours of draw.	
	Draw blood in a lavender-top (EDTA) tube(s) or a yellow-top (ACD) tube(s), and send 5.0 mL of EDTA or ACD whole blood in original VACUTAINER(S). Invert several times to mix blood.	
	Forward unprocessed whole blood promptly at ambient temperature.	
Schedule	Monday Through Friday	
Testing Time	14 Days	
CPT(s)	83890/Molecular isolation or extraction 83894/x2 Electrophoresis 83900/Amplification of patient nucleic acid, first 2 sequences 83912/Interpretation and report	
Test Order Code	Y2844	

4544 **BK Virus DNA, Quantitative, by PCR, Urine**

Component	Method	Reference Range	Units
BKVQ (BK virus DNA, Quantitative)	Real-Time PCR	0- 200	Copies/mL
BKVC (BK virus DNA Copies/Log10)	Real-Time PCR	0.0- 2.2	Log10
Specimen Required	1.0 mL from a random urine collection. No preservative. Send specimen refrigerated in a 13-mL urine tube. Specimen should arrive at Mayo within 48 hours for optimal results.		
Schedule	Monday Through Sunday		
Testing Time	1 day		
CPT(s)	87799		
Test Order Code	B4544		

4594 BK Virus DNA, Quantitative, by PCR, Plasma

Component	Method	Reference Range	Units
BKVQ (BK virus DNA, Quantitative)	Real-Time PCR	0- 200	Copies/mL
BKVC (BK virus DNA Copies/Log10)	Real-Time PCR	0.0- 2.2	Log10

Specimen Required Draw blood in a lavender-top (EDTA) tube(s) or a yellow-top (ACD) tube(s). Spin down promptly and send 1.0 mL of EDTA or Plasma refrigerated in a screw-capped, round-bottom, plastic vial. Forward promptly.

Schedule Monday Through Friday, Sunday

Testing Time 1 day

CPT(s) 87799

Test Order Code B4594

*Although the test # at MGHS will stay the same, test #4594 previously referred to BK Virus DNA, Quantitation, PCR. That test accommodated both urine and plasma samples. The current assay accommodates only plasma. Please refer to test 4544 in this memo for all urine sample requests for BK Virus DNA, Quantitative, by PCR, Urine.

Test Changes

9234	Helicobacter pylori IgA Antibodies	<u>Reference Range Change</u>
	Test Code H9234	<0.8.....Negative
		0.8- 1.0.....Borderline
		>1.0.....Positive