

# Client Update

FEBRUARY 2021

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Test Name	Test Code	Effective Date
<b>Carbon Dioxide, Serum (CO2)</b>	<b>0052</b>	<b>December 29, 2020</b>
As per an in house study, the reference range for <b>Carbon Dioxide, Serum (CO2)</b> has been updated when performed at our Elmwood Park location. Please refer to the table below.		
	<b>Previous Test Information</b>	<b>New Test Information</b>
Reference Range	22-29 mmol/L	19-29 mmol/L
<b>dRVVT Complete Panel</b>	<b>5730</b>	<b>February 7, 2021</b>
Due to the change in reagents and methodology at our reference laboratory, the reference ranges for the <b>dRVVT Complete Panel</b> have been updated. Please refer to the table below.		
	<b>Previous Test Information</b>	<b>New Test Information</b>
Reference Range	dRVVT Test: 31.7-46.2 secs dRVVT Confirm: 32.9-39.6 secs dRVVT Ratio: < 1.27 ratio dRVVT Mix: 33.6-42.4 secs	dRVVT Test: 30.9-45.5 secs dRVVT Confirm: 30.4-43.1 secs dRVVT Ratio: < 1.26 ratio dRVVT Mix: 33.4-41.9 secs
<b>HPV PRIMARY 25 YRS AND OLDER RFX TO PAP</b>	<b>H852</b>	<b>January 21, 2021</b>
<b>HPV PRIMARY 25 YRS AND OLDER RFX TO PAP</b> will now reflex to Pap for all HPV positive samples: Types non-16/18, 16, 18. Previously this code only reflexed to a Pap for Type non 16/18 positivity.		
This change is in line with the new ASCCP Guideline: "When primary HPV screening is used, performance of an additional reflex triage test (e.g., reflex cytology) for all positive HPV tests regardless of genotype is preferred (this includes tests positive for genotypes HPV 16/18).		
	<b>Previous Test Information</b>	<b>New Test Information</b>
Profile Components	HPV DNA 16, 18, non 16/18 rfx to PAP when non 16/18 positive	HPV DNA 16, 18, non 16/18 rfx to cytology when positive
<b>MTHFR C677T</b>	<b>5764</b>	<b>March 1, 2021</b>
<b>MTHFR A1298C</b>	<b>5765</b>	
In reports <sup>1</sup> the clinical significance of the <b>MTHFR C677T (test code 5764)</b> and <b>MTHFR A1298C (test code 5765)</b> mutations in relation to thrombosis has been questioned. The data indicate that the MTHFR mutations do not correlate well with thrombosis. Therefore, the Special Coagulation laboratory will no longer offer these two tests. To monitor the hyperhomocysteinemia, one could measure the serum homocysteine (test code 5755) level directly.		
1. No Association Between the Common MTHFR 677C→T Polymorphism and Venous Thrombosis: Results From the MEGA Study. Irene D. Bezemer, MSc; Carine J. M. Doggen, PhD; Hans L. Vos, PhD; et al. <a href="https://jamanetwork.com/journals/jamainternalmedicine/fullarticle/769649">https://jamanetwork.com/journals/jamainternalmedicine/fullarticle/769649</a>		
<b>Total Protein S Antigen</b>	<b>5789</b>	<b>March 1, 2021</b>
Due to the change in reagents and methodology at our reference laboratory, the reference ranges for <b>Total Protein S Antigen</b> have been updated. Please refer to the table below.		
	<b>Previous Test Information</b>	<b>New Test Information</b>
Reference Range	Male: 75-140% Female: 60-140%	Male: 81-153% Female: 70-158%

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Test Name	Test Code	Effective Date
<b>OnkoSight Advanced Solid Tumor NGS Panel</b>	<b>TJ16</b>	<b>February 1, 2021</b>

The Cancer Genomics Department is constantly evaluating the gene content of our solid tumor panels. Effective February 1st, GenPath will remove ALK and SRC genes from TJ16 (OnkoSight Advanced Solid Tumor). They will be replaced with BRCA1 and BRCA2. ALK and SRC point mutation/indels would be of limited diagnostic, prognostic, or therapeutic significance. The laboratory has had requests for miscellaneous solid tumors (e.g., a recent case of carcinoma ex-pleomorphic adenoma), as well as poorly differentiated carcinomas of uncertain origin or histogenesis. In these instances BRCA1/2 mutations may be potentially clinically actionable, if identified. This update does not change to the overall number of genes, CPT coding or any established pricing. Of note, the ALK gene will remain a part of the Lung Cancer Panel (TH49-0), and the SRC gene remains a part of the Melanoma Panel (TH59-9).

	Previous Test Information	New Test Information
Profile Components	AKT1, ALK, APC, ARID1A, ATM, BRAF, CDH1, CDKN2A, CTNNB1, EGFR, EPCAM, ERBB2, ERBB4, FBXW7, FGFR1, FGFR2, FGFR3, GNA11, GNAQ, GNAS, HRAS, IDH1, IDH2, KDR, KIT, KRAS, MEN1, MET, MLH1, MSH2, MSH6, NOTCH1, NRAS, PDGFRA, PIK3CA, PMS2, POLE, PTEN, PTPN11, RB1, RET, SMAD4, SMO, SRC, STK11, TERT, TSC1, TSC2, TP53, VHL	AKT1, APC, ARID1A, ATM, BRAF, BRCA1, BRCA2, CDH1, CDKN2A, CTNNB1, EGFR, EPCAM, ERBB2, ERBB4, FBXW7, FGFR1, FGFR2, FGFR3, GNA11, GNAQ, GNAS, HRAS, IDH1, IDH2, KDR, KIT, KRAS, MEN1, MET, MLH1, MSH2, MSH6, NOTCH1, NRAS, PDGFRA, PIK3CA, PMS2, POLE, PTEN, PTPN11, RB1, RET, SMAD4, SMO, STK11, TERT, TSC1, TSC2, TP53, VHL

---REGIONAL REMINDER: FOR NON-NY CLIENTS ONLY---

<b>HSV 1 HSV 2 reflex to VZV</b>	<b>K766</b>	<b>January 4, 2021</b>
<b>HSV 1 HSV 2</b>	<b>J156 / L010</b>	
<b>HSV 1</b>	<b>B897 / J847/6351</b>	
<b>HSV 2</b>	<b>B898 /J848/ 6352</b>	
<b>HSV 1 HSV 2</b>	<b>J521</b>	
<b>T. Pallidum</b>	<b>6354</b>	
<b>LGV</b>	<b>6356</b>	
<b>HSV1 HSV2, T. Pallidum</b>	<b>Q301</b>	
<b>HSV1 HSV2, LGV</b>	<b>P764</b>	

Please be reminded that largely due to ongoing issues related to vendor specific reagent and instrumentation shortages required to perform Genital Ulcer test, largely related to HSV, HSV reflexing to VZV, and other testing, the laboratory is temporarily suspending the use of affected platforms for HSV testing under the following test codes and recommend the corresponding alternate test codes:

Suspended Test Information				Alternate Test Information			
Test Name	Test Code	Specimen Collection	TAT	Test Name	Test Code	Specimen Collection	TAT
HSV 1/2 Reflex to VZV	K766	TP / SP	5-7	HSV 1/2 Reflex to VZV	L009	SV, M4 Media***	5-7
HSV 1/2	J156* L010	TP / SP Aptima Swab	5-7	HSV 1/2	H760** or Q187**	SV, M4 Media*** BD UVT-UTM^	5-7
HSV1	B897 6351 J847	TP / SP TP/SP Aptima Swab	5-7	HSV1	J164 B238	SV, M4 Media*** BD UVT-UTM^	5-7

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Test Name			Test Code		Effective Date		
HSV2	B898 6352 J848	TP / SP TP/SP Aptima Swab	5-7	HSV2	J165 B239	SV, M4 Media*** BD UVT-UTM^	5-7
HSV 1/2	J521	Lavender top EDTA	5-7	No alternative test available at this time			
T. Pallidum LGV HSV 1/2, T.Pallidum HSV 1/2, LGV	6354 6356 Q301 P764	TP / SP	5-7	Alternate test codes to be available soon. Temporarily not-orderable.			

\*J156 test components: B897, B898

\*\*H760 test components: J164, J165; Q187 test components: B238, B239

Code Q265, replace Herpes with H760 or Q187

\*\*\*Swab Viral Culturette or M4 Media Supply number: 509

^BD UVD-UTM Supply number: 34268

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