

TEST UPDATE

Cytogenetics Testing Update

UVMMMC

Effective February 12, 2024, Chromosome Analysis testing (Epic Code LAB9912) on products of conception (POC) will be discontinued at UVMMMC. The recommended alternative testing is Prenatal Whole Genome Chromosomal Microarray (CMA) (Epic Code LAB17656) performed at GeneDx. A GeneDx Prenatal Genetics Test Requisition Form, [GeneDx Requisition for Test 460](#), must be completed and accompany the sample to the lab.

New Orderable	Epic Code	Atlas Code	Mayo Access ID	Order LOINC	CPT Code(s)
Prenatal Whole Genome Chromosomal Microarray	LAB17656	LAB17656	N/A	N/A	81229
Result Component(s)	Epic Code	Atlas Code	Mayo Access ID	Result LOINC	Notes
Prenatal Whole Genome Chromosomal Microarray	12301020301	12301020301	N/A	N/A	
Specimen Requirements:					
Container - Send 1 of the following	Specimen	Temperature	Collect Vol	Submit Vol	Stability
Sterile Container	Amniotic Fluid	Ambient	20 mL	20 mL	N/A
Sterile Container	CVS	Ambient	20 mg	20 mg	N/A
Sterile Container	DNA, POC, Other Fetal Tissue	Ambient	3 ug	3 ug	N/A

In addition, the UVMMMC Cytogenetics Lab will no longer be performing Congenital Blood Chromosome Analysis on patients >30 days old. The recommended alternative testing is Chromosome Analysis, Congenital Disorders, Blood performed at Mayo Clinic Laboratories (Epic Code LAB15319). UVMMMC will only perform Congenital Blood Chromosome Analysis (Epic Code LAB9912) on pediatric patients that are <30 days old.

New Orderable	Epic Code	Atlas Code	Mayo Test ID	Order LOINC	CPT Code(s)
Chromosome Analysis, Congenital Disorders, Blood	LAB15319	LAB15319	CHRCB	81862-5	88230
Result Component(s)	Epic Code	Atlas Code	Mayo Test ID	Result LOINC	Notes
Result Summary	12301013382	M52366	52366	50397-9	
Interpretation	12301013384	M52368	52368	69965-2	
Result	12301013383	M52367	52367	82939-0	
Reason for Referral	12301013837	MCG775	CG775	42349-1	
Specimen	12301013385	M52369	52369	31208-2	
Source	12301013386	M52370	52370	31208-2	
Method	12301013388	M52372	52372	85069-3	
Banding Method	12301013387	M52371	52371	62359-5	
Additional Information	12301013454	M54630	54630	48767-8	
Released By	12301013389	M52373	52373	18771-6	
Specimen Requirements:					
Container	Specimen	Temperature	Collect/Submit Vol	Min Vol	Stability
Sodium Heparin (green top)	Whole Blood	Ambient	4 mL	2 mL	*
Collection Instructions:					
Invert several times to mix blood.					
Other anticoagulants are not recommended and are harmful to the viability of the cells.					
Label specimen as whole blood.					
*All specimens will be evaluated at Mayo Clinic Laboratories for test suitability.					

For questions regarding these changes, please reach out to UVMMMC's Laboratory Customer Service at (802) 847-5121.

PATHOLOGY & LABORATORY MEDICINE

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