



SCHOOL OF MEDICINE  
**GENETIC TESTING  
LABORATORIES**

The IU Cytogenetics Laboratory of the IU Genetic Testing Laboratories (IUGTL), Department of Medical and Molecular Genetics, is pleased to announce the availability of a new specimen type (blood) for an established FISH test.

The AneuVysion Multicolor DNA Probe Kit, which contains probes to identify aneuploidy of chromosomes X, Y, 13, 18, and 21, is available to assess both prenatal specimens (amniotic fluid and CVS) and now also peripheral or cord blood samples. The probes in the AneuVysion Multicolor DNA Probe Kit will be orderable for CEP 18/X/Y (3 probes) and/or LSI 13/21 (2 probes).

The new testing will launch 7/22/2020. Our “Constitutional (Blood) Test” requisition has been updated for ordering and is available online at <https://geneticslab.medicine.iu.edu/Requisition-Forms.html>. The new panel is not yet updated in Cerner for ordering; You can order the test in Cerner by selecting “FISH Other” in the Microdeletion and Other Constitutional FISH Orders in the Cytogenetics Powerplan, and adding “Aneuploidy FISH – Full Panel, 18/X/Y or 13/21” in the “Special Instructions” field.

The turn-around time will be 24-72 hours depending on time received in the laboratory and weekends and holidays, with final reports on most cases released within 24 hours if received in the laboratory by 2:00 pm EST Monday-Thursday.

NOTE: The IUH Pathology Laboratory considers the IU Cytogenetics Laboratory a reference laboratory. Therefore, to assure that samples remain on campus, please designate on the order and requisition form that the specimen should be sent to the IUGTL.

Send all specimens to the IU Cytogenetics Laboratory, 975 W. Walnut Street, IB 350, Indianapolis, IN 46202. Should courier services be required, please call the laboratory at (317) 274-2243. The laboratory staff will pick up specimens on campus. For questions, please call the Cytogenetics Laboratory at (317) 274-2243.