



SCHOOL OF MEDICINE  
**GENETIC TESTING  
LABORATORIES**

On Tuesday, September 29, 2020, multiple updates will be implemented within Cerner related to testing from the IU Pharmacogenomics Laboratory of the IU Genetic Testing Laboratories.

**1- Changes to orders in Cerner**

- a. Test orders must be placed in Cerner. Please do not use the generic order, PGX. Each panel or test is an individual orderable test.
- b. Samples must be labeled with Cerner accession labels. These labels indicate which type of tubes to use for collection.

**2- Improvements to Test Resulting Within Cerner**

- a. Test results will now be viewable as
  - i. Discrete results – Go to Cerner>**Go to Powerchart**>Results Review>Lab Results>Genetics Diagnostics Tests IUH
  - ii. PDF report- Go to Cerner>**Go to Powerchart**>Results Review>Lab Results>Genetics Diagnostics Tests IUH>Test Name PDF (e.g. Kidney Transplant – Donor (AA) Panel PDF

**3- Updates to Existing Tests**

- a. Additional variants for DPYD (can be ordered as an individual test or in the Pharmacogenomics Panel)
  - i. c.2846A>T (rs67376798)
  - ii. c.1679T>G (p.1560S; formerly \*13; rs55886062)
  - iii. c.557A>G (p.Y186C; rs115232898)
- b. The Kidney transplant panel is now 4 separate tests
  - i. Kidney Transplant panel, recipient (non-African American)
  - ii. Kidney Transplant panel, recipient (African American)
  - iii. Kidney Transplant panel, donor (non-African American)
  - iv. Kidney Transplant panel, donor (African American)
- c. CYP2C19 Pharmacogenomics Genotyping (Cardiology) with interpretation for clopidogrel
- d. Pediatric Solid Tumor Pharmacogenomics Panel
- e. Additional single genes or panels (not currently orderable/reportable through Cerner, please submit a requisition form, linked below).
  - i. Warfarin Genotyping
  - ii. G6PD
  - iii. IL28B
  - iv. UGT1A1

*Please contact the laboratory at 317-274-7597 if you have questions. Current test information and requisition forms are available on the IU Genetic Testing Laboratories website at <http://geneticslab.medicine.iu.edu/Requisition-Forms.html>.*