



May 2019

UW Cytogenetic and Molecular Genetic Laboratories

Wisconsin State Laboratory of Hygiene

465 Henry Mall

Madison, WI 53706

Phone: 608-262-0402

Fax: 608-265-7818

Exome Sequencing Updates

The UW Cytogenetic and Molecular Genetic Laboratory now offers three ways to order exome sequencing:

SLH Test Code 895M64: Exome sequencing: Proband only analysis

SLH Test Code 895M65: Exome sequencing: DUO analysis

SLH Test Code 895M66: Exome sequencing: TRIO analysis

An updated exome consent form is available on our website. Patients will now be given the option to OPT-IN to receive pan-ethnic carrier screening results (proband only).

Also NEW: Saliva specimens are accepted for exome sequencing. Call the lab for more details.

Updates to Test Turn-Around Times

The UW Cytogenetic and Molecular Genetic Services works hard to provide genetic testing results that are accurate, reliable and timely. As part of our on-going effort to provide high quality genetic testing we have reviewed and updated turn-around times (TATs) for our test offerings. The updated TATs are available online in the online Reference Manual (www.slh.wisc.edu/wslhApps/RefMan/wslhSearch.php). The online Reference Manual also includes information regarding preferred specimen types, CPT codes, and collection and transport recommendations. Relevant, new turn-around-times include:

Oncology FISH probes: 4-6 days with an average TAT of 4-5 days
Quantitative realtime PCR for BCR/ABL1: 5-7 days with an average TAT of 2-3 days
Prenatal chromosome analysis: 7-14 days with an average TAT of 11-13 days
Fragile X analysis: 10-14 days with an average TAT of 10 days
Constitutional microarray analysis: 12-21 days with an average TAT of 12 days
Exome Sequencing (Proband only, Duo, or Trio analysis): 6-8 weeks

Additional FISH probe sets now validated for FFPE specimens

The UW Cytogenetic and Molecular Genetic Services has recently finished validation of CCND1/IGH fusion, BCL2 rearrangement, and monosomy 17/deletion TP53 FISH probe sets for Formalin-Fixed Paraffin-Embedded (FFPE) specimens. Please call the lab or visit our website for a complete list of probe sets available for FFPE specimens.

Please call our laboratories at 608-262-0402 with any questions.

www.slh.wisc.edu/clinical/cytogenetics/