



**MEMORANDUM #155**

**TO:** UNCHCS Attending Physicians and Faculty Practice Physicians, Housestaff, Clinical Nurse Coordinators, Department Heads and Supervisors

**FROM:** *SWC* Steve W. Cotten, PhD; Co-Director of Clinical Chemistry Laboratory  
*MCU* Herbert C. Whinna, MD, PhD; Medical Director, McLendon Clinical Laboratories

**SUBJECT:** **Changes in ALT Testing**

**DATE:** October 24, 2019

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Effective October 31<sup>th</sup> 2019, the laboratory will be updating ALT testing. Results on the new method will be approximately 5-10% lower than results from the current assay. Reference intervals will also be updated accordingly. This new method is standardized to an enzymatic method preferred by the International Federation of Clinical Chemistry and better matches ALT results across different manufacturer platforms.

| <b>Group</b> | <b>Current Reference Range</b> | <b>New Reference Range</b> |
|--------------|--------------------------------|----------------------------|
| Male         | 19-72                          | <50                        |
| Female       | 15-48                          | <35                        |

If you have question please contact [Dr. Steve Cotten](#) (984-974-1489).