

Effective May 18, 2015

Erythrocyte Sedimentation Rate (ESR) Conversion

To: Clients of UR Medicine Labs

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On May 18, 2015 the UR Medicine Laboratories will switch to new instrumentation for Erythrocyte Sedimentation Rate (ESR) testing. The current platform from Streck Laboratories will be replaced by an instrument from Alcor Scientific. This new platform has several advantages, including being able to perform the ESR test in a much shorter time period and reducing the effect of a patient's hematocrit and MCV on the test result.

Please note that there is a slight negative proportional bias seen with the new platform such that ESR values of 10, 20, 50, and 100 resulting from the older method would give values with the new method of 7, 16, 41, and 84, respectively. It is recommended that clinicians take this into consideration when reviewing results that were performed prior to May 18, 2015. The normal reference ranges for the ESR test will remain the same (see below).

Questions and comments can be directed to:
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Normal Reference Ranges:

	0-49 YRS	≥ 50 YRS
Male	0-15 mm/hr	0-20 mm/hr
Female	0-20 mm/hr	0-30 mm/hr