

**INFORMATION FOR PHYSICIANS**  
**CHANGE IN AUTOMATED ERYTHROCYTE SEDIMENTATION RATE (ESR) ANALYZER**

Date Issued: April 3, 2019

Effective **Monday April 8, 2019**, Shared Health site, Health Sciences Laboratory, will be using the ***Diesse Cube 30 Touch*** instrument for erythrocyte sedimentation rate.

The new instrument measures ESR using a reading unit with two optical sensors to verify the suitability of the sample and to detect the sample level at time zero and level after 20 minutes of sedimentation.

**Reference range (no change):** 0 – 10 mm/hr < 17 years old  
0 – 15 mm/hr male  
0 – 20 mm/hr female

**Sample requirements:** 2, 3, or 4 mL EDTA whole blood tube, minimum 2 mL

**Note:** If less than 2 mL is provided, the analyzer will reject the sample since the volume is too low for testing.

As with previous method, sample is stable for 36 hours at refrigeration temperature (2 – 8°C) or 24 hours at room temperature (19 – 25°C). Referred in sample should be kept at 2 – 8°C and processed within 36 hours.

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