

TECHNICAL NOTE



Impact of preanalytical storage on the measurement of erythrocyte sedimentation rate using an infrared microphotometer system (TEST1)

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ABSTRACT

This study examined the influence of temperature and time on the pre-analytical stability of the erythrocyte sedimentation rate (ESR) measured on a TEST1 system. The first experiment included 102 samples stored at room temperature and the second experiment included 112 subjects and investigated refrigerated (2–8 °C) storage. Our study showed a stable ESR results at room temperature (15–25 °C) up to 8 h ($p = 0.512$). Samples stored at 2–8 °C for 24 h were stable ($p = 0.280$) for 24 h.

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