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#### **Reviewer 1**

In recent years, Collies automatic blood grouping system has been gradually applied in clinical practice using international advanced technique: EMT; this technology is based on the magnetization of red blood cells and realizes the rapid sedimentation of red blood cells under the attraction of magnetic field, thus replacing the serological centrifuge. Previous studies found that EMT can effectively avoid the impact of the centrifugation process on the experimental results, making the experimental results more reliable. In this study, the authors analyzed blood samples from voluntary blood donors in order to explore the application value and effect of the conventional tube and EMT in red blood cell alloantibody titration. The study is overall well designed, and the study is well performed. The results are interesting. The reviewer recommends to accept this manuscript after a minor editing.

Reply: Thank you for your affirmation and suggestions. We have checked and edited the manuscript according to the journal guideline.

#### **Reviewer 2**

This study is an interesting study of the conventional tube and erythrocyte-magnetized technology in titration of red blood cell alloantibodies. The results are well discussed. I have no specific comments to the authors. Suggest to accept this manuscript.

Reply: Thank you for your positive comments.