

ABSTRACT

Alvira Astry Khininda (2023). Description of Blood Group Determination in the Indonesian Red Cross Blood Donor Unit, Banyuwangi Regency. D3 Blood Bank Technology Study Program, Department of Pharmacy and Food Analysis, Health Polytechnic Ministry of Health Malang. Advisor Dr. Ekowati Retnaningtyas, S.Kp, M.Kes.

Examination of blood group in the selection process is one of the important stages. The main blood types are ABO and Rhesus blood groups. The ABO blood group is a type of antigen found on red blood cells whose specificity is determined by the genes on the chromosomes. The ABO blood group system consists of 4 blood groups, namely blood groups A, B, AB and O. The purpose of this study was to find out the description of blood group determination errors at UDD PMI Banyuwangi Regency. The results of this study were that there were a higher number of blood group reading discrepancies, due to the fact that during the blood group examination there was a misunderstanding of the color of the reagent or failure to observe blood clots, documentation errors in the bag, documentation errors in the tube, and documentation errors in IT.

Keywords : Error, Blood Type