

## ABSTRACT

Safinah Maqsuroh (2023). Description Results Inspection Reactive HbsAg in Blood Donors at UTD PMI Lamongan Regency January 2021-September 2022 . Work Write Scientific Studies Case descriptive . Blood Bank Technology D-III Study Program . Major Analysis Pharmacy and Food . Polytechnic Health Malang Ministry of Health . Lecturer Advisor : Dr. Ekowati Retnaningtyas, S.Kp, M.Kes .

Blood transfusion services are very vulnerable to the risk of infection transmitted through blood transfusions, one of which is Hepatitis B. One of the efforts to deal with this is that every UTD is required to carry out an IMLTD examination. The purpose of this study was to find out the description of HBsAg reactive tests on blood donors at UTD PMI Lamongan Regency from January 2021 to September 2022. This type of research is descriptive by taking secondary data from SIMDONDAR at UTD. The results showed that out of 26,222 donors, 482 donors (1.84%) were HBsAg reactive. Voluntary donors were more infected, namely 274 donors (1.26%) and new donors as many as 371 (2.99%). Men were more infected, namely 385 donors (2.01%). Blood group O was more infected with 197 donors (1.85%). The age group of 25-44 years was more HBsAg reactive, namely 305 (63.28%). It is hoped that PMI's UTD will further improve the quality of low-risk donor recruitment.

**Keywords:** Hepatitis B, IMLTD, Blood Donor