

## **GAMBARAN HASIL PEMERIKSAAN HEPATITIS B REAKTIF PADA DARAH PENDONOR DI UNIT TRANSFUSI DARAH (UTD) PMI KABUPATEN SLEMAN YOGYAKARTA TAHUN 2019**

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### **INTISARI**

**Latar Belakang :** Untuk mendapatkan darah yang berkualitas, maka setiap darah pendonor tidak terlepas dari kegiatan pengamanan darah, salah satunya melalui uji saring Infeksi Menular Lewat Transfusi Darah (IMLTD). Uji Saring Hepatitis B merupakan salah satu pemeriksaan IMLTD yang wajib dilakukan. Metode pemeriksaan IMLTD di UTD Kabupaten Sleman yaitu metode *Enzym Linked Imunosorbent Assay* (ELISA).

**Tujuan Penelitian :** Penelitian ini adalah untuk mengetahui gambaran pemeriksaan Hepatitis B reaktif pada darah pendonor di UTD PMI Kabupaten Sleman Yogyakarta tahun 2019.

**Metode Penelitian :** Metode yang digunakan kuantitatif dengan pendekatan waktu yang digunakan adalah retrospektif, yaitu hasil pemeriksaan Hepatitis B reaktif pada darah donor kemudian diidentifikasi karakteristik pendonor darah berdasarkan kelompok umur, jenis kelamin, pekerjaan dan golongan darah di UTD PMI Kabupaten Sleman tahun 2019.

**Hasil Penelitian :** Hasil penelitian menunjukkan bahwa dari 11.498 kantong darah yang sudah dilakukan pemeriksaan Hepatitis B, hasil pemeriksaan Hepatitis B reaktif sebanyak 117 kantong darah (1,01%). Berdasarkan kelompok umur pendonor dengan hasil skrining Hepatitis B reaktif menunjukkan bahwa hasil Hepatitis B reaktif paling banyak terdapat pada kelompok umur 26-45 tahun sebanyak 55 orang (47,0%) karakteristik jenis kelamin pendonor dengan hasil skrining Hepatitis B reaktif paling banyak terdapat pada laki-laki sebanyak 106 orang (90,6%) dan karakteristik golongan darah hasil pemeriksaan Hepatitis B reaktif paling banyak terdapat pada golongan darah O+ sebanyak 37 orang (31,6%).

**Kesimpulan :** Total pendonor darah pada tahun 2019 di UTD PMI Kabupaten Sleman sebanyak 11.498 pendonor dan terdapat 117 sampel darah yang reaktif hepatitis B (1,01%).

**Kata kunci:** *Hepatitis B, Donor Darah, IMLTD*

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## **OVERVIEW OF REACTIVE HEPATITIS B SCREENING RESULTS IN DONOR BLOOD AT BLOOD TRANSFUSION UNIT PMI SLEMAN YOGYAKARTA IN 2019**

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### **ABSTRACT**

**Background:** To obtain high quality blood, every donor's blood is inseparable from blood safety activities, one of which is through the Infectious Infection through Blood Transfusion (IMLTD) screening test. Hepatitis B Screening Test is one of the mandatory IMLTD examinations. The method of examining IMLTD in UTD Sleman Yogyakarta is the Enzym Linked Immunosorbent Assay (ELISA) method.

**Objectives:** The objective of study was determining the description of reactive Hepatitis B examination on donor blood at Blood Transfusion Blood PMI Sleman Yogyakarta in 2019.

**Methods:** The method used quantitative with the time approach used is retrospective, namely the results of reactive Hepatitis B examination on donor blood then identified the characteristics of blood donors based on age group, sex, occupation and blood type at Blood Transfusion Unit PMI Sleman Yogyakarta in 2019.

**Results:** The results showed that from 11,498 blood donors that had been tested for Hepatitis B, the results of reactive Hepatitis B were 117 blood bags (1,01%). Based on the age group of donors, the results of reactive Hepatitis B screening showed that the most reactive Hepatitis B results were in the 26-45 year age group. as many as 55 people (47.0%) the gender characteristics of the donors with the most reactive Hepatitis B screening results were male as many as 106 people (90.6%) and based on the characteristics of the blood group, the results of the reactive Hepatitis B screening were mostly found in blood type O+ as many as 37 people (31.6%).

**Conclusion:** The total blood donors in 2019 at UTD PMI Sleman Yogyakarta were 11,498 donors and there were 117 blood samples with hepatitis B reactive (1,01%).

**Key words:** *Hepatitis B, Blood Donation, IMLTD*

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