

**POLITEKNIK KESEHATAN TANJUNGPUR
PRODI TEKNOLOGI LABORATORIUM MEDIS
PROGRAM DIPLOMA TIGA
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**Gambaran Titer S-RBD Pada Penyintas COVID-19 Sebagai Pendonor
Plasma Konvalesen Di UTD PMI Provinsi Lampung**

xiv + 46 halaman, 3 tabel, 6 gambar, 7 lampiran

ABSTRAK

COVID-19 (Corona Virus Disease 2019) adalah penyakit yang disebabkan oleh jenis corona virus baru yaitu SARS-CoV-2, yang dilaporkan pertama kali di Wuhan Tiongkok pada tanggal 31 Desember 2019. Plasma Konvalesen merupakan plasma yang diambil dari seseorang mantan pasien (penyintas) COVID-19 yang memenuhi persyaratan sebagai pendonor darah. Penelitian ini bertujuan mengetahui gambaran titer S-RBD IgG pada penyintas COVID-19 sebagai pendonor plasma konvalesen di UTD PMI provinsi Lampung. Penelitian bersifat deskriptif dengan menggunakan data sekunder. Data dikumpulkan dari 155 data rekam medik penyintas COVID-19 yang akan mendonorkan plasma konvalesennya di UTD PMI Provinsi Lampung pada tahun 2021. Analisa data menggunakan analisis univariat. Hasil penelitian ini didapatkan bahwa penyintas COVID-19 yang memiliki nilai titer S-RBD IgG <80 U/ml sebanyak 35 orang (22,5%) dan nilai titer ≥ 80 U/ml sebanyak 120 orang (77%). Jumlah dan persentase penyintas COVID-19 yang memenuhi syarat donor plasma konvalesen sebanyak 120 orang (77%) dan persentase penyintas COVID-19 yang tidak memenuhi syarat donor plasma konvalesen sebanyak 35 orang (23%). Penyintas COVID-19 yang memenuhi syarat donor plasma konvalesen lebih banyak dibandingkan penyintas COVID-19 yang tidak memenuhi syarat donor plasma konvalesen.

Kata Kunci : COVID-19, Plasma Konvalesen, Titer S-RBD IgG
Daftar Bacaan : 23 (2019-2022)

**TANJUNGPANG HEALTH POLYTECHNIC
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**Description of S-RBD Titer on COVID-19 Survivors as Convalescent Plasma Donors at UTD
PMI Lampung Province**

xiv + 46 pages, 3 tables, 6 pictures, 7 attachments

ABSTRACT

COVID-19 (Corona Virus Disease 2019) is a disease caused by a new type of coronavirus, namely SARS-CoV-2, which was first reported in Wuhan China on December 31, 2019. Convalescent Plasma is plasma taken from a former patient (survivor) COVID-19 who meet the requirements as blood donors. This study aims to determine the description of the S-RBD IgG titer in COVID-19 survivors as convalescent plasma donors at UTD PMI Lampung province. This study is descriptive using secondary data. Data was collected from 155 medical records of COVID-19 survivors who will donate their convalescent plasma at UTD PMI Lampung Province in 2021. Data analysis uses univariate analysis. The results of this study found that there were 35 survivors of COVID-19 who had an S-RBD IgG titer value of <80 U/ml (22.5%) and a titer value of >80 U/ml as many as 120 people (77%). The number and percentage of COVID-19 survivors who meet the requirements for convalescent plasma donors are 120 people (77%) and the percentage of COVID-19 survivors who do not meet the requirements for convalescent plasma donors is 35 people (23%). There are more COVID-19 survivors who qualify for convalescent plasma donors than COVID-19 survivors who do not qualify for convalescent plasma donors.

Keywords : COVID-19, Convalescent Plasma, S-RBD IgG
Titer Reading List : 23 (2019-2022)