

POLITEKNIK KESEHATAN TANJUNGPUR
PROGRAM STUDI TEKNOLOGI LABORATORIUM MEDIS
PROGRAM DIPLOMA TIGA

Laporan Tugas Akhir, Juli 2021

Nurul Hidayanti

**Gambaran Hasil Pemeriksaan Rapid Tes Antibodi COVID-19 di
Laboratorium RSD Mayjend HM. Ryacudu Kotabumi Tahun 2020.**

xiii + 31 halaman, 3 tabel, 7 gambar, 11 lampiran

ABSTRAK

COVID-19 merupakan penyakit menular baru yang disebabkan oleh virus SARS-CoV-2. Penyebaran penyakit ini sangat cepat dan tidak terkendali hingga ditetapkan sebagai pandemi global saat ini. Salah satu pemeriksaan untuk skrining tes populasi adalah rapid tes antibodi COVID-19. Rapid tes antibodi COVID-19 mendeteksi antibodi yang terbentuk ketika virus masuk ke dalam tubuh berupa IgM dan atau IgG. Penelitian ini bertujuan untuk mengetahui gambaran hasil pemeriksaan rapid tes antibodi COVID-19 di laboratorium RSD Mayjend HM. Ryacudu Kotabumi tahun 2020. Penelitian ini bersifat deskriptif dengan sampel data hasil pemeriksaan rapid tes antibodi COVID-19 sebanyak 1.455 orang. Hasil pemeriksaan rapid tes antibodi COVID-19 di laboratorium RSD Mayjend HM. Ryacudu Kotabumi tahun 2020 terus mengalami peningkatan. Persentase hasil reaktif COVID-19 86,8% dan hasil non reaktif COVID-19 14,2%. Berdasarkan jenis kelamin persentase hasil reaktif COVID-19 pada laki-laki yaitu 7,6% dan pada perempuan 6,5%, sedangkan persentase hasil non reaktif COVID-19 pada perempuan yaitu 44% dan pada laki-laki yaitu 41,9%. Jumlah pemeriksaan rapid tes antibodi COVID-19 terbanyak berada pada kelompok usia 25-44 tahun yaitu 505 orang. Persentase hasil reaktif COVID-19 tertinggi ada pada kelompok usia 25-44 tahun 5,7% dan terendah pada kelompok usia 0-14 tahun 0,5%. Untuk hasil yang lebih akurat sebaiknya dilakukan pemeriksaan rapid tes antigen atau pemeriksaan RT-PCR COVID-19.

Kata Kunci : COVID-19, Rapid tes antibodi, Hasil pemeriksaan

Daftar Bacaan : 38 (2009-2021)

**TANJUNGPURANG HEALTH POLYTECHNIC
MEDICAL LABORATORY TECHNOLOGY STUDY PROGRAM
THREE DIPLOMA PROGRAM
Final Project Report, July 2021**

Nurul Hidayanti

Overview of the COVID-19 Antibody Rapid Test Results at the Mayjend HM Hospital Laboratory. Ryacudu Kotabumi in 2020.

xiii + 31 pages, 3 tables, 7 pictures, 11 attachments

ABSTRACT

COVID-19 is a new infectious disease caused by the SARS-CoV-2 virus. The spread of this disease is very fast and uncontrolled until it is designated as a global pandemic today. One of the examinations for screening population tests is the COVID-19 rapid antibody test. The COVID-19 rapid antibody test detects antibodies that are formed when the virus enters the body in the form of IgM and/or IgG. This study aims to describe the results of the COVID-19 antibody rapid test at the Mayjend HM Hospital laboratory. Ryacudu Kotabumi in 2020. This research is descriptive with a sample of 1,455 people from the COVID-19 antibody rapid test results. The results of the COVID-19 antibody rapid test at the Mayjend HM Hospital laboratory. Ryacudu Kotabumi in 2020 continues to increase. The percentage of reactive results for COVID-19 was 86.8% and non-reactive for COVID-19 was 14.2%. Based on gender, the percentage of COVID-19 reactive results for men is 7.6% and for women 6.5%, while the percentage of non-reactive COVID-19 results for women is 44% and for men is 41.9%. The highest number of COVID-19 antibody rapid tests were in the 25-44 year age group, namely 505 people. The highest percentage of COVID-19 reactive results was in the 25-44 year age group 5.7% and the lowest was in the 0-14 year age group 0.5%. For more accurate results, a rapid antigen test or COVID-19 RT-PCR examination should be carried out.

Keywords: COVID-19, Rapid antibody test, Examination results
Reading List : 38 (2009-2021)