

**PROFIL KEPOSITIFAN HASIL PEMERIKSAAN
Carcinomaembryonic antigen (CEA) PADA
SERUM PASIEN DENGAN METODE ELFA
DI RSUD Dr. MOEWARDI**

***PROFILE OF POSITIVITY RESULT OF CARCINOMAEMBRYONIC ANTIGEN
(CEA) IN PATIENT SERUM BY ELFA METHOD IN DR.MOEWARDI
HOSPITAL.***

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INTISARI

Kanker merupakan penyakit yang mendapatkan perhatian khusus dunia di era modern ini, penyakit ini merupakan salah satu penyebab kematian utama di seluruh dunia. Prevalensi kanker di Indonesia cukup tinggi. Berdasarkan Data GLOBOCAN, International Agency for Research on Cancer (IARC) diketahui bahwa pada tahun 2012 terdapat 14.067.894 kasus baru kanker dan 8.201.575 kematian akibat kanker di seluruh dunia. Deteksi dini kanker perlu dilakukan agar mendapat pengobatan dan tindakan yang tepat salah satunya dengan CEA. Pemeriksaan CEA (Carcinomaembryonic antigen) digunakan untuk deteksi dini kanker dan pemantauan terapi. Penetapan kadar CEA sering tumpang tindih, tumor dan penyakit bukan kanker juga dapat memberikan peningkatan kadar CEA. Penelitian ini bertujuan untuk mengetahui profil kepositifan hasil pemeriksaan CEA di RSUD Dr.Moewardi.

Penelitian ini dilakukan di Laboratorium Patologi Klinik dan Bagian Rekam Medis RSUD Dr. Moewardi. Data yang digunakan dalam penelitian ini merupakan data sekunder hasil pemeriksaan CEA dengan metode ELFA pada bulan Oktober 2016 – Maret 2017. Analisa data dilakukan dengan penyajian Persentase, tabel dan grafik.

Hasil pemeriksaan CEA menunjukkan dari 296 sampel didapatkan prevalensi kanker sebanyak 52,7%, tumor sebanyak 17,2% dan non kanker/tumor sebanyak 30,1%.

Kata Kunci : Profil, CEA, ELFA, Kanker, Tumor

ABSTRACT

Cancer is a disease that get the world's special attention in this modern era, this disease is one of the main causes of death in worldwide. The prevalence of cancer in Indonesia is quite high. Based on GLOBOCAN data, the International Agency for Research on Cancer (IARC) found that in 2012 there were 14,067,894 new cases of cancer and 8,201,575 deaths from cancer in worldwide. Early detection of cancer needs to be done in order to get treatment and the right action one of them with CEA. CEA (Carcinomaembryonic antigen) examination used for early detection of cancer and therapeutic monitoring. The determination of CEA levels often overlaps, tumors and non-cancer can also provide elevated levels of CEA. This study was aimed to determine the profile of positivity of CEA examination results in Dr.Moewardi Hospital.

The research was conducted in Clinical Pathology Laboratory and Medical Record Section of Dr. Moewardi Hospital. Data used in this research was secondary data of CEA examination by ELFA method in October 2016 – March 2017. Data analysis was done by presentation of percentage, table and graph.

The result of CEA examination showed from 296 samples obtained prevalence of cancer was 52,7%, tumor was 17,2% and non cancer / tumorwas 30,1%.

Keywords : Profile, CEA, ELFA, Cancer, Tumor.
