

ABSTRAK

Ganja merupakan psicotropika yang mengandung senyawa Tetrahidrokanabinol (THC) yang membuat pemakainya mengalami euforia. Urin adalah campuran air, elektrolit, dan limbah yang disaring ginjal dari darah. Ganja akan terdapat di dalam urin karena zat aktif dalam ganja yaitu Tetrahidrokanabinol (THC) masuk ke dalam aliran darah dengan cepat setelah ganja dihisap, kemudian disaring di dalam ginjal dan dikeluarkan dari tubuh dalam bentuk urin. Ganja (THC) dapat menyebabkan kerusakan paru-paru, terhambatnya fungsi otak, serangan jantung dan mempengaruhi sistem kekebalan tubuh. Sekolah Menengah Kejuruan Swasta (SMKS) Kesehatan Kota Duri berdiri sejak tahun 2014 dan terletak di jalan siak No. 09 balai makam desa simpang padang Kecamatan bathin solapan .SMKS Kesehatan Duri merupakan satu-satunya SMKS Kesehatan di kota Duri dengan peminat yang cukup banyak. Lulusan SMKS Kesehatan Duri banyak diterima di Perguruan Tinggi Negeri di Indonesia. Tujuan penelitian di SMKS Kesehatan duri adalah untuk mengetahui ada tidaknya kandungan Tetrahidrokanabinol (THC) pada urin siswanya. Penelitian ini menggunakan metode Immunoassay dengan menggunakan alat Strip/stick dan dilakukan di Laboratorium teknologi laboratorium medis SMKS Kesehatan Kota Duri. Hasil penelitian dari 15 sampel di dapatkan hasil negatif. Kesimpulan berdasarkan hasil pemeriksaan tidak ditemukan adanya kandungan Tetrahidrokanabinol (THC) atau hasil negatif pada urin siswa.

Kata Kunci : Tetrahidrokanabinol (THC), Urin, SMKS Kesehatan Kota Duri



ABSTRACT

Cannabis is a psychotropic compound containing Tetrahydrocannabinol (THC) which makes the user experience euphoria. Urine is a mixture of water, electrolytes and waste that the kidneys filter from the blood. Cannabis will be present in the urine because the active substance in marijuana, namely Tetrahydrocannabinol (THC), enters the bloodstream quickly after smoking marijuana, then is filtered in the kidneys and excreted from the body in the form of urine. Marijuana (THC) can cause lung damage, inhibit brain function, heart attack and affect the immune system. Duri City Health Private Vocational High School (SMKS) was established in 2014 and is located at Jalan Siak No. 09 Balai Simpang Padang Village Cemetery, Bathin Solapan District. The Duri Health Vocational School is the only Health Vocational School in Duri City with quite a lot of enthusiasts. Many graduates of the Duri Health Vocational School are accepted at State Universities in Indonesia. The aim of the study at the Durian Health Vocational School was to determine whether or not Tetrahydrocannabinol (THC) was present in the urine of the students. This study used the Immunoassay method using a strip/stick device and was carried out at the medical laboratory technology laboratory at SMKS Kesehatan, Duri City. The results of the 15 samples obtained negative results. The conclusion based on the results of the examination was that there was no Tetrahydrocannabinol (THC) content or negative results in the students' urine.

Keywords: *Tetrahydrocannabinol (THC), Urine, Duri City Health Vocational School*

