ABSTRACT

Device for microbiological analysis

The device for the microbiological analysis of a support adapted to contain microorganisms marked by a fluorophore agent, said agent being adapted to absorb light energy with an absorption spectrum (53) having a crest (53') at a predetermined absorption wavelength (λ_2) and to release that energy by emitting light with an emission spectrum (54) having a crest (54') at a predetermined emission wavelength (λ_3) distinct from said absorption wavelength (λ_2), comprises illuminating means; the spectrum (55) of the excitation light coming from the illuminating means having a crest (55') at a predetermined excitation wavelength (λ_1) with a predetermined difference between the excitation (λ_1) and absorption (λ_2) wavelengths by virtue of which it is made easy to discriminate the light emitted by said fluorophore agent from that coming from the illuminating means.

(Figure 1)