

Title (en)
DETECTION OF PARAFFINOPHILIC MICROORGANISMS.

Title (de)
NACHWEIS PARAFFINOPHILER MIKROORGANISMEN.

Title (fr)
DETECTION DE MICROORGANISMES PARAFFINOPHILES.

Publication
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Application
EP 94907869 A 19940121

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• US 9400831 W 19940121

Abstract (en)
[origin: WO9417200A1] A method of determining the presence of a paraffinophilic organism in a body specimen involves introducing portions of the body specimen into a plurality of receptacles (50-57) which contain a sterile broth and antibiotics. Subsequently, one paraffin coated slide (18) is introduced into each receptacle. After observing organism growth on the paraffin coated slides, at least one slide is subjected to an alcohol-acid fastness test to determine whether the organism is an alcohol-acid fast, an acid-fast organism or a non-acid-fast/non-alcohol-acid fast organism. If it is determined that an alcohol-acid fast organism is present on the first slide, a tellurite reduction assay is performed on a second slide to determine the possibility of a presence of paraffinophilic organism on the second slide. If the tellurite reduction assay results in a determination that there is a possibility of presence of a paraffinophilic organism on the second slide, at least one speciation assay on the third paraffin coated slide is performed to confirm the presence of a paraffinophilic organism on the third paraffin coated slide. Subsequently, DNA extraction is employed on at least one additional slide to determine whether a paraffinophilic organism is present in the body specimen.

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C12Q 1/02; **C12Q 1/68**; **C12N 1/20**

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