

HiCombi™ Dual Performance Fungal Medium Kit

LQ034

Intended use

ended detection tests and standards for the presence of yeast and moulds. The medium is used for the detection and identification of yeasts and moulds in clinical samples. It is used for the detection and identification of yeasts and moulds in clinical samples.

Composition**

Proprietary

Directions

Label the ready to use LQ034

149 L

3.4

3.41

35.83

Recommended volume of blood to be tested in LQ034: 3-5 ml (For Paediatric use)

Principle And Interpretation

The medium provides an acidic environment and nutrients favourable for growth and metabolism of yeasts and moulds. It contains dextrose that provides energy source for the growth of microorganisms. and adjusted the pH close to neutral. The medium can be rendered selective for fungi by antibiotics such as Chloramphenicol and Cycloheximide, which inhibits some bacteria as well as some saprophytic and pathogenic fungi.

Type of specimen

Clinical samples: Blood

Specimen Collection and Handling

RU FOLQLFDO VDP SOHV IROORZ DSSURSULDWH WHFKQLB XHV IRU KDQGOLOQ
 dpoubn obufe nbufs bmt nvtu cf tufs m fe c bvupdmbw oh cfgpsf e tdbse oh/

Warning and Precautions

,Q9LWUR GLDJQRVWLF XVH RQO\ 5HDG WKH ODEHO EHIRUH RSHQLQJ WKH
 H\H SURWHFWLRQ IDFH SURWHFWLRQ)ROORZ JRRG PLFURELRORJLFD O
 SUHFDXWLRQV DV SHU HVWDEOLVKHG JXLGHOLQHV VKRXOG EH IROORZH
 UHIHUHG LQ LQGLYLGXDO VDIHW\ GDWD VKHHWV

Limitations

1. Some wild type strains may show poor growth due to nutritional variations.
2. Further isolation and biochemical tests should be carried out for confirmation.

Performance and Evaluation

3HUIRUPD n n n n

Quality Control

Appearance

Each it contains

Part A:

Colour

Light to Medium Amber coloured medium

Quantity of medium

100 ml of solid medium in 100 ml of liquid medium

pH of Agar medium

7.0- 7.5

pH of liquid medium

7.0- 7.5

Sterility test

Passes release criteria

Cultural response

Cultural characteristics was observed after incubation at 25-30 °C for 24 - 48 hours after addition of part A in liquid medium (further growth may be observed for 7 days)

Organism	Growth in liquid medium	Growth on agar medium
<i>Candida albicans</i> ATCC 10231)111 5 *	Poor-good	Luxuriant
<i>Candida albicans</i> ATCC 2091)111 *	ppsh	vyvsbou
<i>Aspergillus brasiliensis</i> ATCC 16404)111 4 *	None-poor	Luxuriant
<i>Saccharomyces cerevisiae</i> ATCC 9763)111 *	ppsh	vyvsbou
<i>Saccharomyces cerevisiae</i> ATCC 2601	ppsh	vyvsbou
<i>Trichophyton mentagrophytes</i> 644	Hppsh	vyvsbou
<i>Trichophyton rubrum</i> 392 2	Hppsh	vyvsbou
<i>Escherichia coli</i> ATCC 25922)11124 *	Inhibited	-

Storage and Shelf Life

On receipt store between 15-22 °C Use before expiry date on the label

Product performance is best if used within stated expiry period

Disposal

User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with clinical sample must be decontaminated and disposed of in accordance with current laboratory techniques ()

Reference

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5 H Y L V L R Q:



In vitro diagnostic medical device



CE Marking



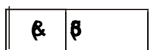
BIOHAZARD



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