

Brochure

SAAI Sure -*E. faecalis* Multiplex PCR Kit (For rapid detection of pathogenic *Enterococcus faecalis* and its virulent genes in single step)

 **SAAI ELECTRO BIOGENIC INDIA PVT LTD**
Always there for care



National Institute of Ocean Technology
(Ministry of Earth Sciences, Government of India)

Description

- NIOT - *E. faecalis* kit is an all-inclusive, ready to use kit which simplifies and expedite the process of detection of virulent genes in pathogenic *E. faecalis* (*gefE*-213 bp, *asa1*-713 bp, *hyl*-276 bp) within 6 hours in a single step. NIOT - *E. faecalis* Multiplex PCR detection kit contains: NIOT - *E. faecalis* enrichment medium to attain sufficient cell growth within 3 hours,
- Digestion buffer enable to extract the crude DNA from the pure and enriched cultures,
- NIOT - *E. faecalis* Multiplex PCR master mix for the specified amplification and detection of virulent genes, Positive and negative PCR control mix helps to identify and interpret the virulence range of the pathogen.



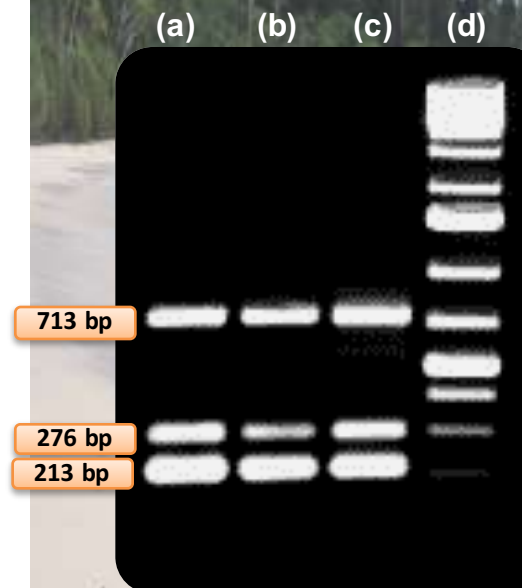
Benefit

Time-to-Result

- ❖ One step detection.
- ❖ Achieve results typically within 6 hours.
- ❖ Increased sensitivity.
- ❖ Advanced test tracking and specificity.

Test Ready

- ❖ All-in-One Kit.
 - ❖ Minimizes time.
 - ❖ Eliminates unintended contamination.
 - ❖ Each set is triple-bagged and -gamma irradiated.
- #### Reduced Operator Handling
- ❖ Simplified standard operating -procedures.
 - ❖ Decreases time-consuming -amplification and detections.
 - ❖ Faster and one step detection.



Agarose gel electrophoresis of Multiplex PCR.

(a) Clinical sample
(b) Environmental sample (c) Food sample (d) DNA ladder

Applications

Ideal for pollution monitoring on the basis of virulence and multidrug resistance, clinical and food surveillance.

For further information's contact:

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