

GeneDisc® Method for Beer Spoilage Bacteria and Yeast: A Guide to Testing Strategies

Benefits

Accelerated decision-making

Method allows for early preventive controls (e.g. yeast slurry control):
Reduce risk of product spoilage

Fast corrective actions implementation

Rapid contamination cause tracking:
Reduce negative financial impact of spoilage

Designed for routine use

Method uses ready to use reagent and results are automatically interpreted:
No microbiology skills are required

Cost-effective and informative method

Provides answers for the major beer spoilage bacteria and yeast in one single run:
Lowers analytical cost

Adaptable to your priorities

Two protocols are available as described below:
Maximum flexibility

Assess Contamination in 2 Hours

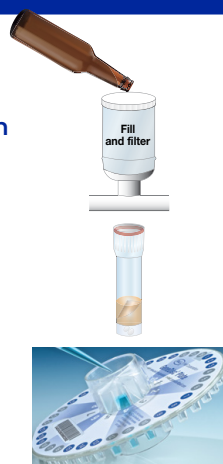
Bacterial Concentration



Cell Lysis



PCR Analysis



Technical Information

Sensitivity

Live spoilage protocol detection
Filterable samples: As low as 1 cell /mL
Unfilterable samples: As low as 5 cells /mL
Yeast samples: As low as 120 cells /mL

Time to results

Reduced to 2 hours

Target organisms

- *Lactobacillus* spp.
- *Pectinatus* spp.
- *Pediococcus* spp.
- *Megasphaera* spp.
- Yeast screening
- Yeast ID for the 12 major spoilage yeasts

Internal positive control

To ensure result accuracy, each sample analysis includes an internal positive control.

When **quick results** are your priority

Reach High Sensitivity

Enrichment



Cell Lysis



PCR Analysis



Technical Information

Sensitivity

Down to 1 cell / sample

Enrichment

With common broths (e.g. MRS or NBB)

Time to results

Enrichment time + 2 hours

Target organisms

- *Lactobacillus* spp.
- *Pectinatus* spp.
- *Pediococcus* spp.
- *Megasphaera* spp.
- Yeast screening
- Yeast ID for the 12 major spoilage yeasts

Internal positive control

To ensure result accuracy, each sample analysis includes an internal positive control.

When **precise information** is your priority



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FBDSCDBSBYSEN
JANUARY 2022