diagnostics
with passion



MegaPec Broth

Hygienic control

Megasphaera

Pectinatus

Selective culture medium for the detection of *Megasphaera* and *Pectinatus*

- Ready-to-use for checking production environment and final product
- Positive results already possible from the third culture day
- Simple visual detection
- Suppression of beer spoiling lactic acid bacteria and yeast
- Inhibition of stubborn accompanying flora (e. g. *Enterobacter aerogenes*)
- No PCR-inhibitory ingredients



Photo: *Megasphaera cerevisiae*, *Pectinatus cerevisiiphilus* and MegaPec Broth without growth sample

sifin diagnostics gmbh | Berliner Allee 317-321 | 13088 Berlin | Germany | T: +49 30 700 144-0 | F: +49 30 700 144-30 | info@sifin.de | www.sifin.de

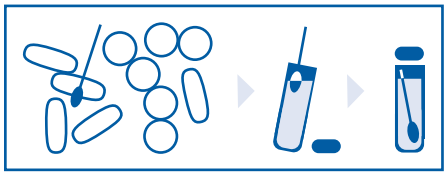
MegaPec Broth

Selective detection of *Megasphaera* and *Pectinatus*

Bacteria of the *Pectinatus* and *Megasphaera* genus are among the hazardous beer-spoilage bacteria. If they get into bottled beer, they usually result in intensive clouding and off-flavours.

The strict anaerobic bacteria can settle in biofilms and are then also able to survive in an aerobic production environment, e.g. a bottling plant.

MegaPec permits rapid, selective detection of these bacteria after sampling, e.g. with the help of a swab and transferring to the test tube filled with 12 ml bouillon.



Product	Art. No.	Packing
MegaPec Broth	TN1707 TN1707-01	20 tubes (20 x 12 ml) 100 tubes (100 x 12 ml)

Microbiological quality control

Microorganism	Growth	Turbidity
Megasphaera cerevisiae DSM 20461	good	clearly visible turbidity
Megasphaera paucivorans DSM 16981	good	clearly visible turbidity
Pectinatus frisingensis DSM 20465	good	clearly visible turbidity
Pectinatus haikarae DSM 16980	good	clearly visible turbidity
Pectinatus cerevisiiphilus ATCC 20467	good	clearly visible turbidity
Pediococcus damnosus ATCC 29358	no growth	-
Lactobacillus brevis ATCC 20054	no growth	-
Sacchararomyces cerevisiae ATCC 9763	no growth	-
Enterobacter aerogenes ATCC 13048	Strongly inhibited (growth possible after 96 h)	



More culture media for breweries

Product	Art. No.	Packing
DEV Nutrient Agar	TN1724	9 x 250 ml
Lysine Agar	TN1743	9 x 250 ml
VLB-S7-S Agar	TN1502	250 ml
VLB-S7-S Broth	TN1503	250 ml
WL Nutrient Agar (WLN)	TN1744	9 x 250 ml
WL Nutrient Agar with Cycloheximide (WLD)	TN1745	9 x 250 ml
Wort Agar	TN1746	9 x 250 ml

Date of revision: 05/02/2020