



# ESCARPMENT LABS SERVICES

# PRICE LIST

## Agar Plating Services

### WLN

WLN is a differential media that can detect the presence of yeast, bacteria and mold. Useful for yeast strain cross-contamination screening as colony morphology differences can be observed.

Minimum sample volume: 100mL  
Turn-around time: 5 days

**\$25/  
plate**

### LCSM

LCSM screens for copper-resistant yeasts, which is useful in detecting diastatic yeast strains and some wild yeasts.

Minimum sample volume: 100mL  
Turn-around time: 5 days

**\$25/  
plate**

### MRS +/-

MRS media detects the presence of acid-producing beer spoilers (lactobacillus and pediococcus) as well as cycloheximide-resistant wild yeasts. Plates can be incubated aerobically and anaerobically.

Note that the price to incubate plates both aerobically and anaerobically will be \$50.

Minimum sample volume: 100mL  
Turn-around time: 5 days

**\$25/  
plate**


### WLD

WLD screens for most cycloheximide-resistant wild yeasts such as Brettanomyces.

Minimum sample volume: 100mL  
Turn-around time: 5 days

**\$25/  
plate**

\*All prices are in Canadian Dollars. Shipping costs are assumed by the client.





## Agar Plating Services

### Quick Bacterial ID

This service can be added to any Agar Plating service to determine likely genus via biochemical tests (potassium hydroxide, catalase and oxidase tests).

Turn around time: After plate incubation is complete (typically 5 days).

**\$30/  
colony**

## Molecular Diagnostics

### qPCR Core Four

Allows for speedy determination of the presence of most common beer spoilers: hop-resistant lactic acid bacteria, diastatic yeast, and Brettanomyces.

Minimum sample volume: 200mL

Turnaround time: Performed Mondays only with results reported next-day. For quickest turn-around ensure samples are received at the lab no later than the Friday of the previous week.

**\$99/  
sample**

### Diastaticus Colony PCR

Performed from an isolated colony on agar plate, test determines if the STA1 gene indicating diastatic capability is present in an unknown yeast contamination.

Typical turnaround time: 3 days

**\$199/  
colony**

### Yeast or Bacterial Species-Level Identification

PCR and Sanger gene sequencing performed from an isolated colony, this test determines the genetic sequence of an unknown yeast (ITS1) or bacteria (16s) for species-level identification.

Typical turnaround time: 7 days

**\$199/  
colony**

\*All prices are in Canadian Dollars. Shipping costs are assumed by the client.



## Molecular Diagnostics

### Yeast DNA Fingerprinting

TapeStation analysis screens an unknown yeast against known strains in our library to determine a genetic match, similar to a paternity test. This test is useful when trying to determine the source of a possible-cross contamination between known house strains in breweries with multiple house yeasts.

Typical turnaround time: 7 days

**\$199/  
colony**

## Testing Bundles

### Pasteurization Check

Sample plating on WLN and MRS+/- only. Results are reported in CFU(colony forming units)/mL. Further analysis and identification of colonies requires additional cost.

Minimum sample volume: 250mL  
Turn around time: 5 days

**\$49/  
sample**

### The Classic One

Sample plating on WLN, LCSM, MRS+/- and WLD for one beer sample.

Minimum sample volume: 100mL  
Turn around time: 5 days

**\$99/  
sample**

### The Classic Five

Sample plating on WLN, LCSM, MRS+/- and WLD for five beer samples.

Minimum sample volume: 100mL  
Turn around time: 5 days

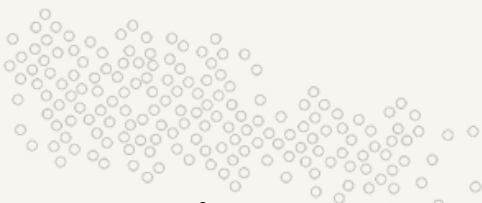
**\$399/  
5 samples**

### Fast Action QC

qPCR of 5 beer samples.

Minimum sample volume: 200mL  
Turn around time: Performed Mondays only with results reported next-day. For quickest turn-around ensure samples are received at the lab no later than the Friday of the previous week.

**\$449/  
5 samples**



## Testing Bundles

### Virtual QC Lab Suite

The Classic Five + Fast Action QC

Turn around time: qPCR performed Mondays only with results reported next-day. Plating results typically reported after 5 days.

**\$699/  
5 samples**

## Yeast Banking

### Yeast Strain Banking - Single Strain

Yeast strain in pure culture received and banked in -80°C cryogenic long-term storage. Your yeast will be recorded in our database and available for propagation at Premium pricing provided sufficient lead time. Recurring fee will be waived if you order a 5hL or larger pitch size every 12 months or more frequently.

You may add-on any services such as Species-Level Identification at their respective prices.

**\$49/  
year**

### Culture Banking - Mixed Culture

Mixed fermentation culture received and banked in -80°C cryogenic long-term storage. Your culture will be recorded in our database and available for propagation at Premium pricing provided sufficient lead time.

Recurring fee will be waived if you order a 5hL or larger pitch size every 12 months or more frequently.

You may add-on any services such as Species-Level Identification at their respective prices. You may also add on identification and banking of individual strains from the mixed culture (see above).

**\$199/  
year**

## Consultations

### Lab Results Discussion

For additional help beyond the results interpretation guide

**\$50/  
30 min**

### General Consulting Fee

For any areas of our expertise including building a quality plan for your brewery, quality remediation planning, quality audits, etc.

**\$200/  
hour**

\*All prices are in Canadian Dollars. Shipping costs are assumed by the client.

