

Compact

- Unlimited Stackable

Dry

- Storage Everywhere
- Storage Up to 30°C (86°F)
- Long Shelf Life

Reliable Quality **Made in Japan**

Total Viable Count
CompactDry TC

AOAC / MicroVal / NordVal

Incubation Temperature
35 ± 2°C

Incubation Time
48 ± 3 hours

Interpretation
All colonies
● / ○

Escherichia coli and Coliform
CompactDry EC

AOAC / MicroVal / NordVal

Incubation Temperature
35 ± 2°C

Incubation Time
24 ± 2 hours

Interpretation
E. coli : Blue / Blue purple colonies
Coliform : Total number of both red and blue colonies
● / ●

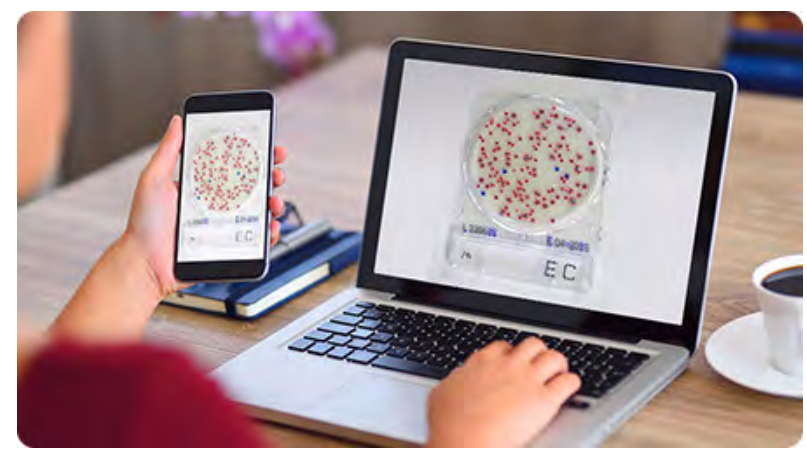
BactLAB® App

TARGETED PRODUCTS:

- CompactDry™ TC (General Bacteria)
- CompactDry™ EC (E.coli / Coliforms)
- CompactDry™ CF (Coliforms)
- CompactDry™ YM (Yeast / Fungus)
- CompactDry™ YMR (Yeast / Fungus)
- CompactDry™ ECO (E.coli)

PRIMARY FUNCTIONS:

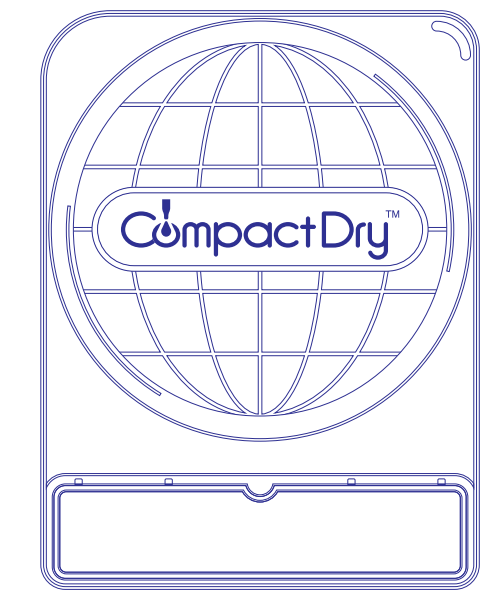
- Colony counter [PC / Android / iPhone]
- Cloud storage function for count data Count report [email]
- Uniform management of data by company (*Optional)



CompactDry Product Line							
Available for	Name of Product	Storage	Shelf Life	Available for	Name of Product	Storage	Shelf Life
Total Viable Count	CompactDry TC	Up to 30°C	18 months after manufacturing	Enterobacteriaceae	CompactDry ETB	Up to 30°C	16 months after manufacturing
Escherichia coli and Coliform	CompactDry EC			Listeria species	CompactDry LS		18 months after manufacturing
Coliform	CompactDry CF			Salmonella species	CompactDry SL		
Yeast and Mold	CompactDry YM / YMR			Enterococcus species	CompactDry ETC		19 months after manufacturing 24 months after manufacturing 2 years after manufacturing
Staphylococcus aureus	CompactDry X-SA			Pseudomonas aeruginosa	CompactDry PA		
Vibrio parahaemolyticus	CompactDry VP			Water Heterotroph bacteria	CompactDry AQ		
Bacillus cereus	CompactDry X-BC			Sample collection	Easy Wiping Kit		
Salmonella	CompactDry SL						

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- Total Viable Count ■
- Escherichia coli and Coliform ■
- Coliform ■
- Yeast and Mold ■
- Staphylococcus aureus ■
- Vibrio parahaemolyticus ■
- Bacillus cereus ■
- Listeria species ■
- Pseudomonas aeruginosa ■
- Enterobacteriaceae ■
- Enterococcus species ■
- Salmonella species ■
- Water Heterotroph bacteria ■

Why CompactDry™ ?



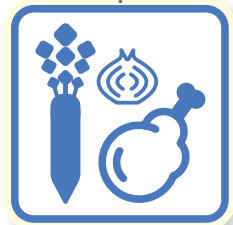
How to Use



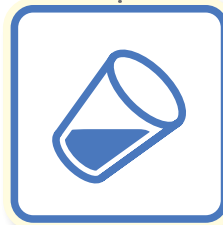
1 Uncap

2 Inoculate

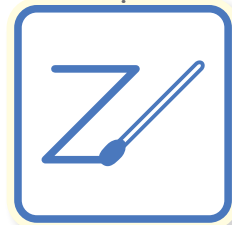
Major Applications



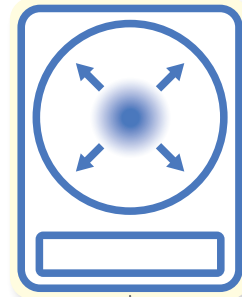
Food



Drinking Water



Environment



Self Diffusion

Yeast and Mold

CompactDry YM / CompactDry YMR

AOAC / MicroVal / NordVal



YM



YMR

Rapid type: Faster results in 48 hours

Incubation Temperature

25 ± 2°C

Incubation Time

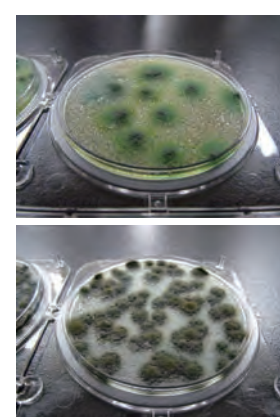
YM: 3-7 days
YMR: 48-72 hours

Interpretation

Yeast : Blue or white to cream colonies
Mold : Cottony colonies with mold colors



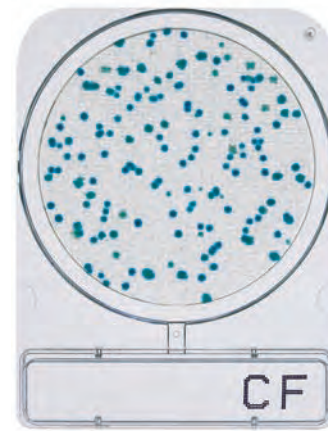
3D Growth of Molds



Photos Courtesy of NPO Center for Fungal Consultation Japan

Coliform CompactDry CF

AOAC / MicroVal / NordVal



CF

Incubation Temperature

35 ± 2°C

Incubation Time

24 ± 2 hours

Interpretation

Blue / Blue green colonies



Vibrio parahaemolyticus CompactDry VP



VP

Incubation Temperature

35 ± 2°C

Incubation Time

18-20 hours

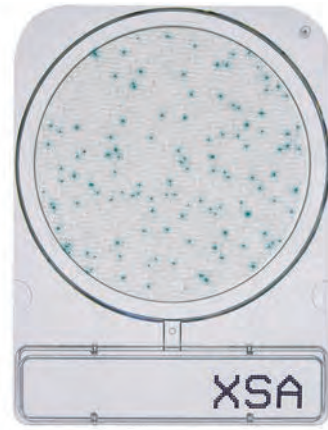
Interpretation

Blue / Blue green colonies



Staphylococcus aureus CompactDry X-SA

AOAC / MicroVal / NordVal



XSA

Incubation Temperature

35 ± 2°C

Incubation Time

24 ± 2 hours

Interpretation

Light blue / Blue colonies



Bacillus cereus CompactDry X-BC

MicroVal / NordVal



XBC

Incubation Temperature

35 ± 2°C

Incubation Time

24 ± 2 hours

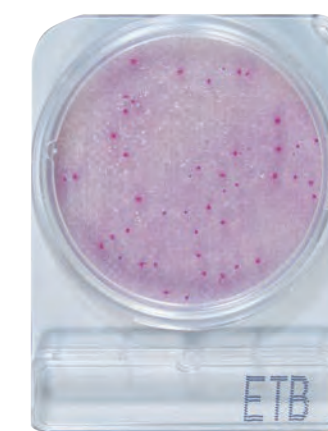
Interpretation

Green / Blue colonies



Enterobacteriaceae CompactDry ETB

MicroVal / NordVal



ETB

Incubation Temperature

35 ± 2°C

Incubation Time

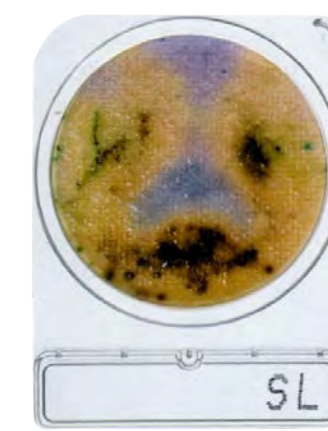
24 ± 2 hours

Interpretation

Red / Red-Purple



Salmonella species CompactDry SL



SL

pre-enrichment w/ BPW

35-37°C @20-24 hours

Incubation Time

41-43°C @20-24 hours

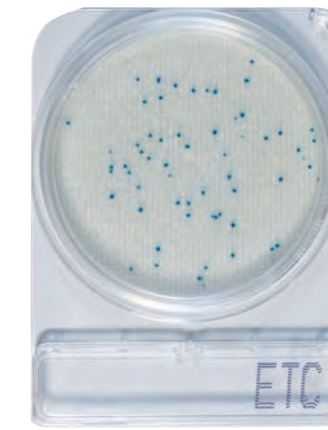
Interpretation

Yellow : motility of *Salmonella*
Black : hydrogen sulfide producing *Salmonella*
Green : chromogenic substrate with specific enzyme on *Salmonella*



Enterococcus species CompactDry ETC

MicroVal / NordVal



ETC

Incubation Temperature

36 ± 1°C

Incubation Time

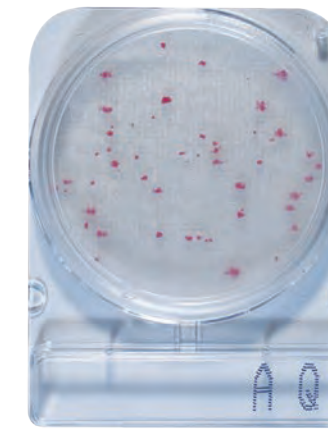
24 ± 2 hours

Interpretation

Light blue / Blue colonies



Water Heterotroph bacteria CompactDry AQ



AQ

Incubation Temperature

44 ± 4 hours @36 ± 2°C

68 ± 4 hours @22 ± 2°C

ISO6222 : 1999

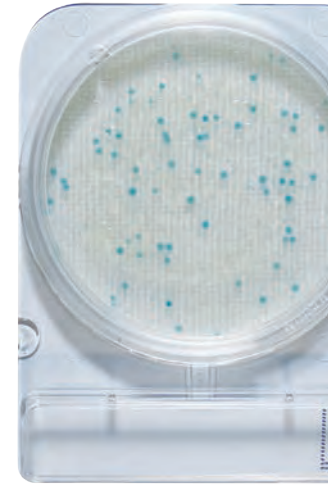
Water quality-Enumeration of culturable micro-organisms

Interpretation

Red



Listeria species CompactDry LS



LS

Incubation Temperature

35 / 37 ± 2°C

Incubation Time

24 ± 2-48 ± 3 hours

Interpretation

Light blue / Blue colonies



Qualitative

Pre-enrichment

half fraser
30°C
24 ± 2 hours

Pre-enrichment

fraser
35-37°C
48 ± 2 hours

Incubation

Quantitative

ISO11290-2

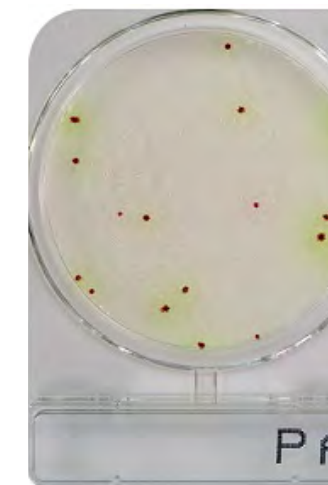


Resuscitation Step

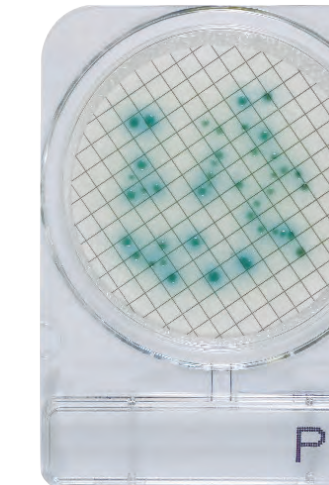
Buffered Peptone Water
20°C
1 hour

Incubation

Pseudomonas aeruginosa CompactDry PA



PA



PA

Membrane Filter Method

Incubation Temperature

35-37°C

Incubation Time

24-48 hours

Interpretation

Red colonies surrounded by a greenish-yellow halo



Interpretation
Membrane Filter Method

Light green / Green blue colonies

