

Compact

● Unlimited Stackable

Dry

Storage Everywhere Storage at 1 to 30°C Long Shelf Life

Reliable Quality Made in Japan

Airborne Microbe Sampling

1 Leave for a certain period of time

2 1mL Sterilized Saline Solution

Incubation

Membrane Filter Method

1

2

3 Incubation

1mL Sterilized Saline Solution or Sterilized Water

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	24 months after manufacturing	<i>Salmonella</i>	CompactDry SL	Up to 30 °C	18 months after manufacturing
Total Viable Count (Rapid type)	CompactDry TCR		18 months after manufacturing	<i>Enterobacteriaceae</i>	CompactDry ETB		16 months after manufacturing
<i>Escherichia coli</i> and Coliform	CompactDry EC		24 months after manufacturing	<i>Listeria species</i>	CompactDry LS		18 months after manufacturing
Coliform	CompactDry CF		24 months after manufacturing	<i>Listeria monocytogenes</i>	CompactDry LM		24 months after manufacturing
Yeast and Mold	CompactDry YM		18 months after manufacturing	<i>Enterococcus species</i>	CompactDry ETC		18 months after manufacturing
Yeast and Mold	CompactDry YMR		24 months after manufacturing	<i>Escherichia coli</i>	CompactDry ECO		24 months after manufacturing
<i>Staphylococcus aureus</i>	CompactDry X-SA		21 months after manufacturing	<i>Pseudomonas aeruginosa</i>	CompactDry PA		19 months after manufacturing
<i>Vibrio parahaemolyticus</i>	CompactDry VP		18 months after manufacturing	Water Heterotroph bacteria	CompactDry AQ		24 months after manufacturing
<i>Bacillus cereus</i>	CompactDry BC			2 years after manufacturing	Sample collection		Easy Wiping Kit

Shimadzu Diagnostics Corporation

Certification: ISO9001 / ISO13485 / ISO14001
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 Email: contact@cdc.shimadzu.co.jp

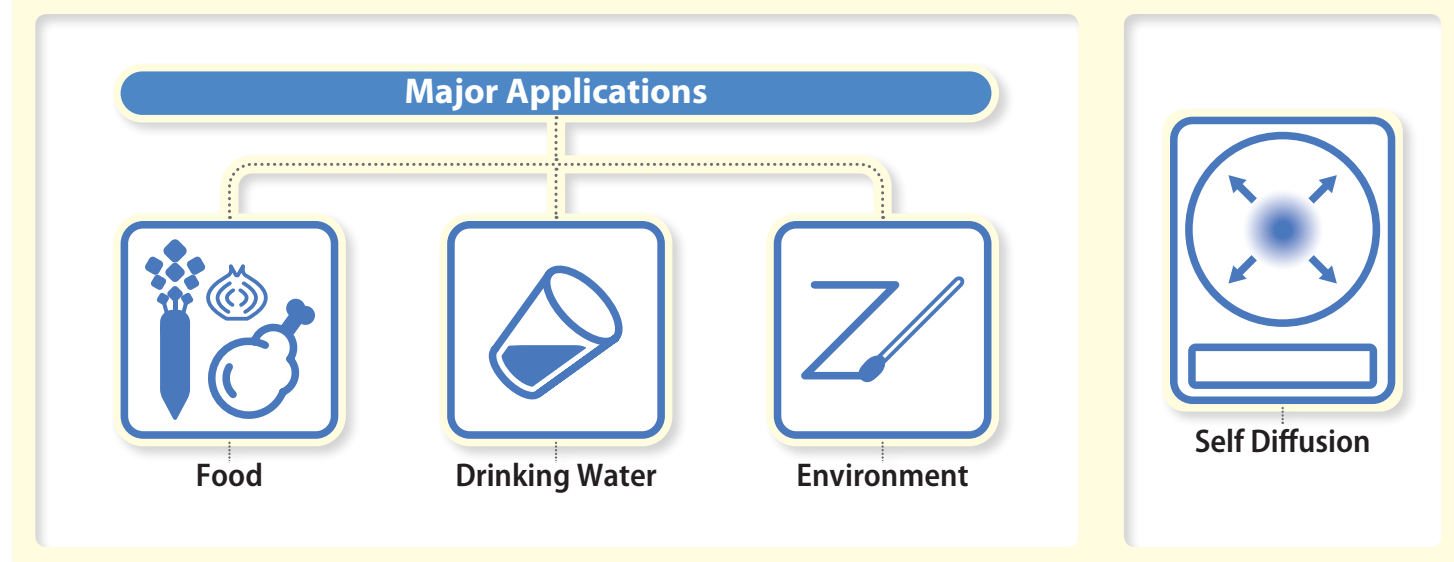
CompactDry™

Simple and Easy Dry Media for Microbial Count and Detection



- Total Viable Count
- Total Viable Count (Rapid type)
- Escherichia coli* and Coliform
- Coliform
- Yeast and Mold
- Staphylococcus aureus*
- Vibrio parahaemolyticus*
- Bacillus cereus*
- Listeria species*
- Listeria monocytogenes*
- Pseudomonas aeruginosa*
- Enterobacteriaceae*
- Enterococcus species*
- Escherichia coli*
- Salmonella*
- Water Heterotroph bacteria

Why CompactDry™?



Swab Sampling

1

2


3 Incubation

Easy Wiping Kit

1mL (Buffered Sodium Peptone Solution) Easy Wiping Kit


10mL(PBS) ST-25PBS

Total Viable Count AOAC / MicroVal / NordVal
CompactDry TC




Incubation Temperature	35 ± 1°C (MicroVal : 30 ± 1°C)
Incubation Time	48 ± 3 hours
Interpretation	All colonies ● / ○

Total Viable Count (Rapid type) AOAC
CompactDry TCR

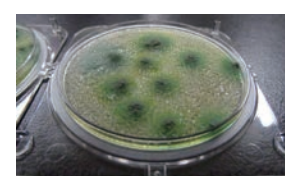


Incubation Temperature	35 ± 1°C or 32 ± 1°C (for dairy products)
Incubation Time	24 ± 2 or 48 ± 3 hours
Interpretation	All colonies ● / ○


Yeast and Mold AOAC / MicroVal / NordVal
CompactDry YM / CompactDry YMR



Incubation Temperature	25 ± 1°C
Incubation Time	YM: 3-7 days YMR: 72 ± 3 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

Listeria monocytogenes MicroVal
CompactDry LM

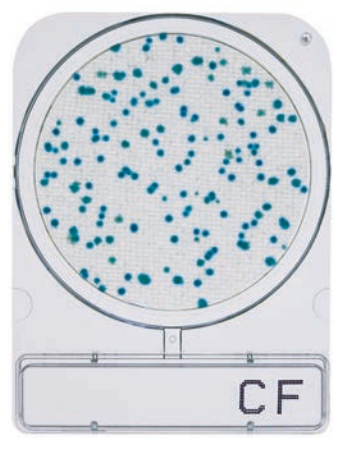


Incubation Temperature	37 ± 1°C
Incubation Time	24 ± 2 - 48 ± 3 hours
1 L.monocytogenes	Red colonies with blue surrounds
2 Other Listeria spp.	Red colonies / Blue / Green colonies

Detection
 Sample preparation
 half - Fraser broth
 Dilution and suspension
 ↓
 Enrichment culture 30°C 25 ± 1 hours
 ↓
 Incubation

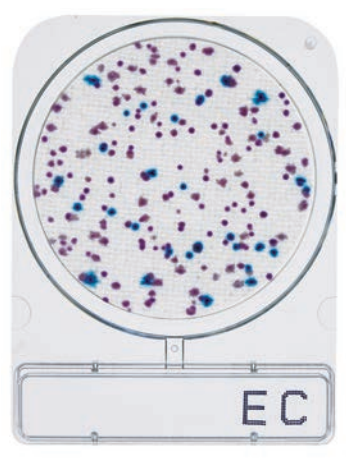
Enumeration
 Sample preparation
 Buffered peptone water
 Dilution and suspension
 ↓
 Incubation

Coliform AOAC / MicroVal / NordVal
CompactDry CF




Incubation Temperature	35 ± 1°C (MicroVal : 37 ± 1°C)
Incubation Time	24 ± 2 hours
Interpretation	Blue / Blue green colonies ● / ●

Escherichia coli and Coliform AOAC / MicroVal / NordVal
CompactDry EC




Incubation Temperature	35 ± 1°C (MicroVal : 37 ± 1°C)
Incubation Time	24 ± 2 hours
Interpretation	E. coli: Blue / Blue purple colonies Coliform: Total number of both red and blue colonies ● / ●

Staphylococcus aureus AOAC / MicroVal / NordVal
CompactDry X-SA




Incubation Temperature	37 ± 1°C
Incubation Time	24 ± 2 hours
Interpretation	Light blue / Blue colonies ● / ●

Bacillus cereus AOAC / MicroVal / NordVal
CompactDry BC



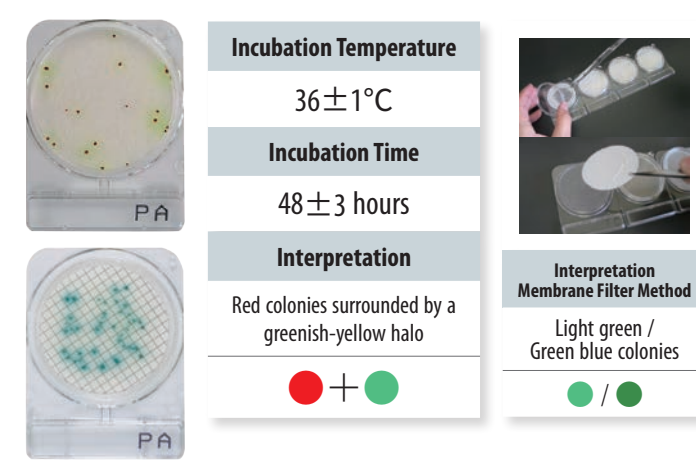
Incubation Temperature	30 ± 1°C
Incubation Time	24 ± 2 hours
Interpretation	Blue / Pale green colonies ● / ●

Listeria species
CompactDry LS




Incubation Temperature	35 or 37 ± 1°C
Incubation Time	24 ± 2 hours
Interpretation	Light blue / Blue colonies ● / ●


Pseudomonas aeruginosa MicroVal
CompactDry PA



Incubation Temperature	36 ± 1°C
Incubation Time	48 ± 3 hours
Interpretation	Red colonies surrounded by a greenish-yellow halo ● + ●


Membrane Filter Method

Interpretation
 Light green / Green blue colonies
● / ●

Escherichia coli
CompactDry ECO




Incubation Temperature	35 ± 1°C or 37 ± 1°C
Incubation Time	24 ± 2 hours
Interpretation	Blue/ Blue purple colonies ●

Enterobacteriaceae AOAC / MicroVal / NordVal
CompactDry ETB




Incubation Temperature	37 ± 1°C
Incubation Time	24 ± 2 hours
Interpretation	Red / Red-Purple colonies ● / ●

Salmonella species
CompactDry SL




pre-enrichment w/ BPW	36 ± 1°C @ 22 ± 2 hours
Incubation Time	42 ± 1°C @ 22 ± 2 hours
Interpretation	Yellow : motility of <i>Salmonella</i> Black : hydrogen sulfide producing <i>Salmonella</i> Green : chromogenic substrate with specific enzyme on <i>Salmonella</i> ● / ● / ●

Vibrio parahaemolyticus
CompactDry VP




Incubation Temperature	35 ± 1°C
Incubation Time	19 ± 1 hours
Interpretation	Blue / Blue green colonies ● / ●

Enterococcus species AOAC / MicroVal / NordVal
CompactDry ETC



Incubation Temperature	37 ± 1°C
Incubation Time	22 ± 2 hours
Interpretation	Light blue / Blue colonies ● / ●

Water Heterotroph bacteria
CompactDry A Q

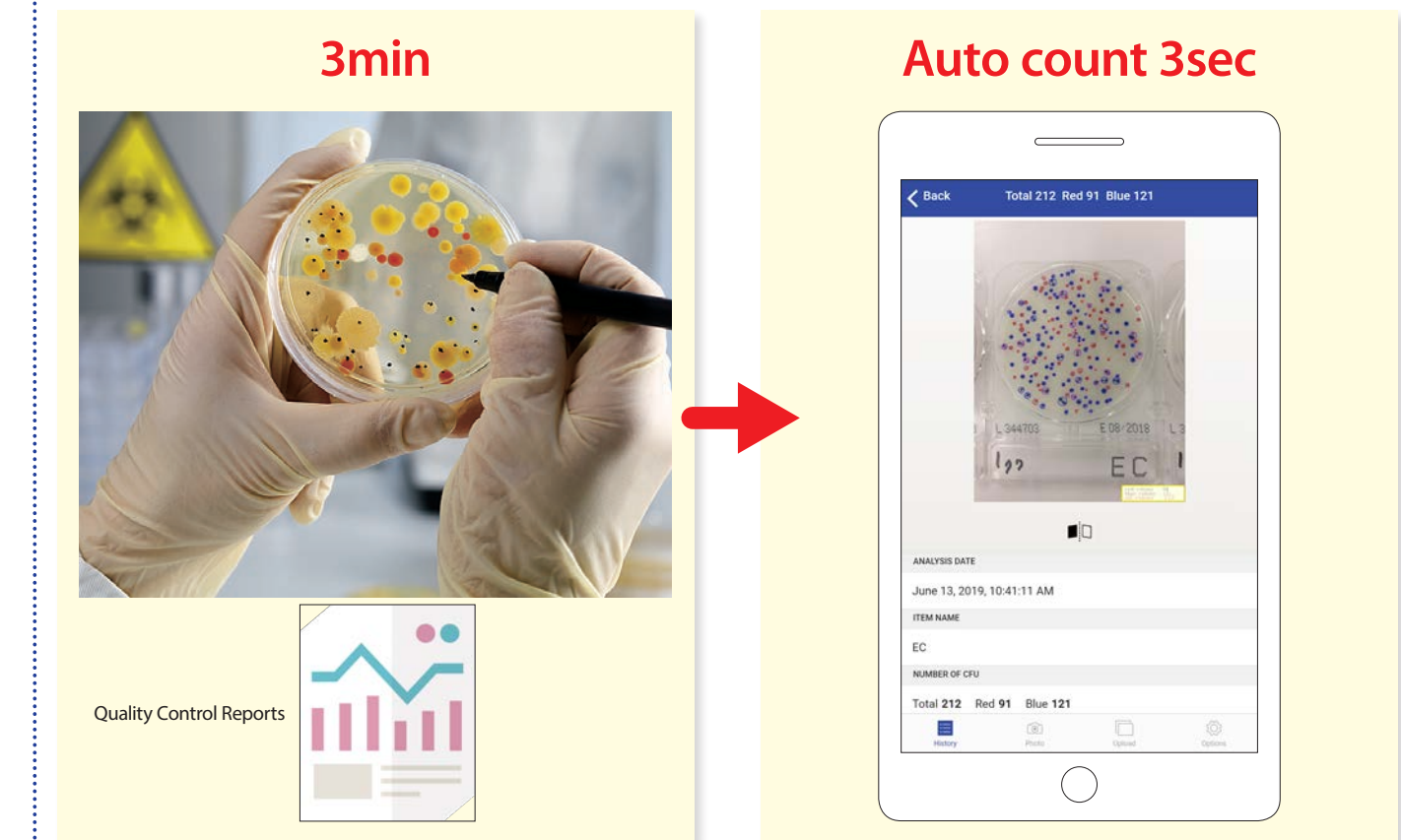


Incubation Temperature	44 ± 4 hours @ 36 ± 2°C 68 ± 4 hours @ 22 ± 2°C ISO6222:1999
Interpretation	Water quality-Enumeration of culturable micro-organisms Red colonies ●



Colony Counter Global Service
 Hi-Speed@BactLAB™

Free Application for CompactDry™
 High-Speed
@BactLAB®
 Colony Counter Global Service



3min

Auto count 3sec

Quality Control Reports

Back Total 212 Red 91 Blue 121

ANALYSIS DATE
 June 13, 2019, 10:41:11 AM

ITEM NAME
 EC

NUMBER OF CFU
 Total 212 Red 91 Blue 121

CompactDry™ App Targeted Products

CompactDry™ TC (Total Viable Count)
 CompactDry™ EC (E.coli / Coliformx)
 CompactDry™ ECO (E.coli)

CompactDry™ CF (Coliformx)
 CompactDry™ YM (Yeast / Mold)
 CompactDry™ YMR (Yeast / Mold)