

**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**

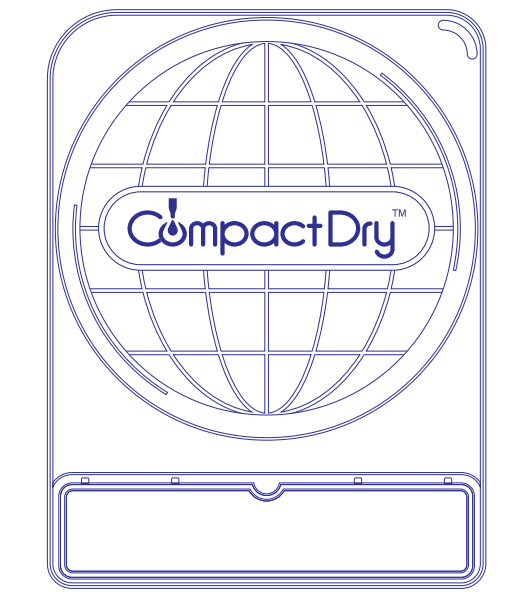
1. 1mL Sterilized Saline Solution or Sterilized Water
2. Membrane filtration
3. Incubation

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

**NISSUI PHARMACEUTICAL CO.,LTD.** (Japan)  
 Certification: ISO9001 / ISO13485 / ISO14001  
[www.nissui-pharm.co.jp/index\\_e.html](http://www.nissui-pharm.co.jp/index_e.html)  
 E-mail: customer@nissui-pharm.co.jp  
 Tel: +81-3-5846-5701

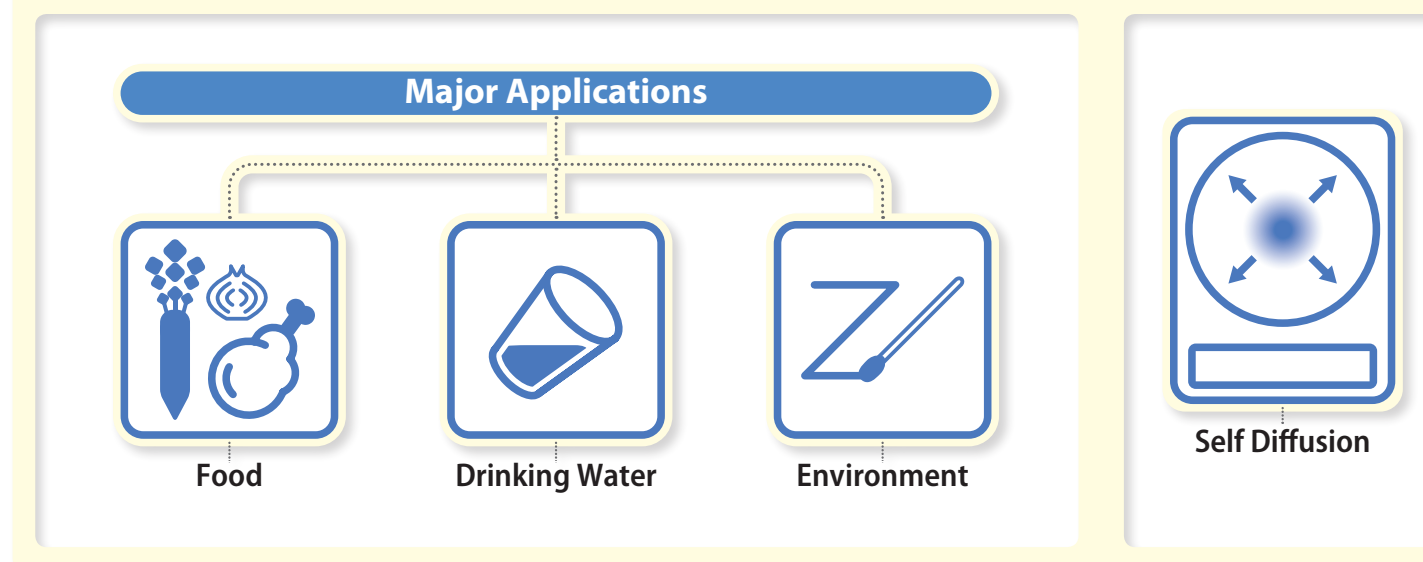
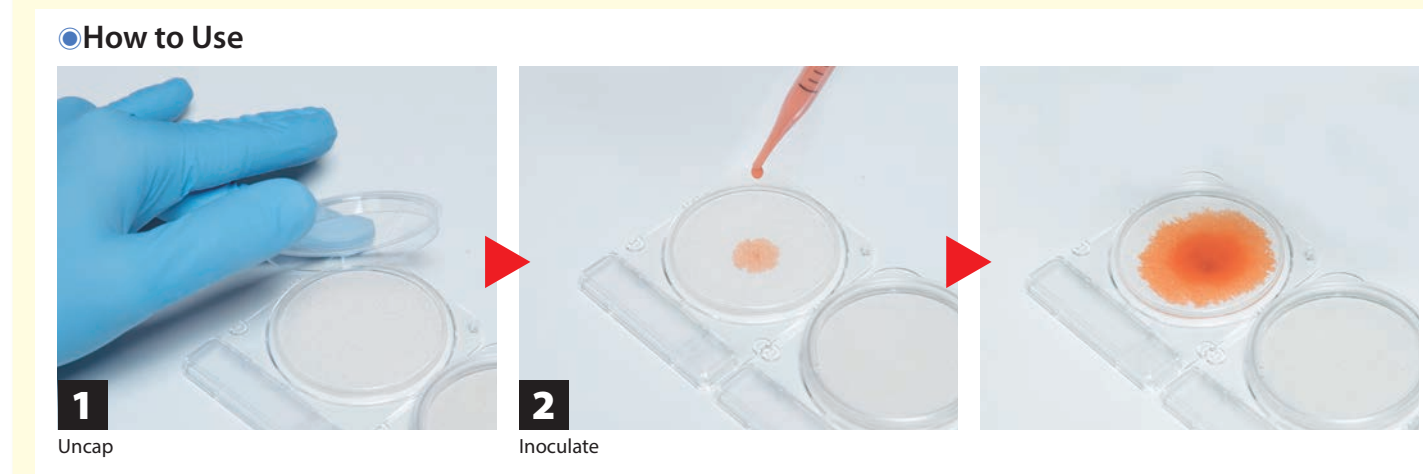
# CompactDry™

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. Swab sampling
2. Membrane filtration
3. Incubation

**Easy Wiping Kit**


- 1mL (Buffered Sodium Peptone Solution) Easy Wiping Kit "Nissui"
- 10mL(PBS) ST-25PBS

**Total Viable Count** AOAC / MicroVal / NordVal  
**CompactDry "Nissui" TC**




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

**Total Viable Count (Rapid type)** AOAC  
**CompactDry "Nissui" TCR**



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


**Yeast and Mold** AOAC AOAC / MicroVal / NordVal  
**CompactDry "Nissui" YM / CompactDry "Nissui" YMR**



<b>Incubation Temperature</b>	25 ± 1°C
<b>Incubation Time</b>	<b>YM:</b> 3-7 days <b>YMR:</b> 72 ± 3 hours
<b>Interpretation</b>	<b>Yeast:</b> Blue or white to cream colonies <b>Mold:</b> Cottony colonies with mold colors ● / ○

3D Growth of Molds  
 Photos Courtesy of NPO Center for Fungal Consultation Japan

**Listeria monocytogenes** MicroVal  
**CompactDry "Nissui" LM**

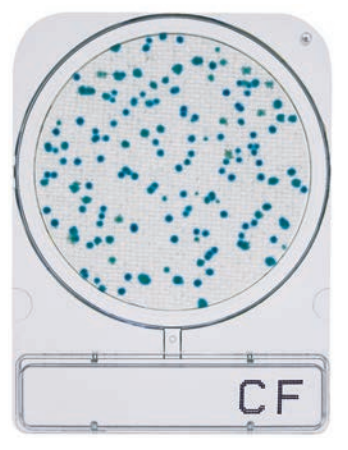


<b>Incubation Temperature</b>	37 ± 1°C
<b>Incubation Time</b>	24 ± 2 - 48 ± 3 hours
<b>1 L.monocytogenes</b>	Red colonies with blue surrounds
<b>2 Other Listeria spp.</b>	Red colonies / Blue / Green colonies

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

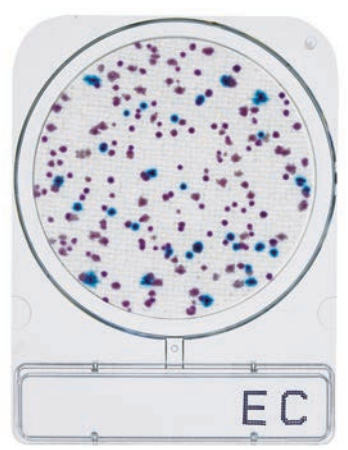
**Enumeration**  
 Sample preparation  
 Buffered peptone water  
 Dilution and suspension  
 ↓  
 Incubation

**Coliform** AOAC / MicroVal / NordVal  
**CompactDry "Nissui" CF**




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

**Escherichia coli and Coliform** AOAC / MicroVal / NordVal  
**CompactDry "Nissui" EC**




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

**Staphylococcus aureus** AOAC / MicroVal / NordVal  
**CompactDry "Nissui" X-SA**




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

**Bacillus cereus** AOAC / MicroVal / NordVal  
**CompactDry "Nissui" BC**



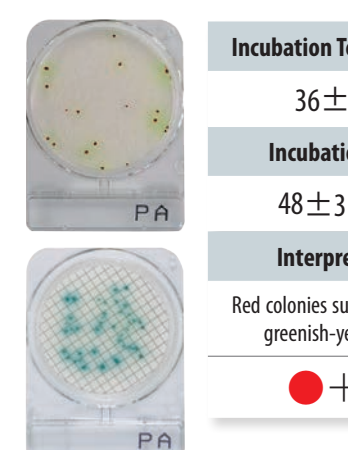
<b>Incubation Temperature</b>	30 ± 1°C
<b>Incubation Time</b>	24 ± 2 hours
<b>Interpretation</b>	Blue / Pale green colonies ● / ●

**Listeria species**  
**CompactDry "Nissui" LS**



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

**Pseudomonas aeruginosa** MicroVal  
**CompactDry "Nissui" PA**




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

Membrane Filter Method


**Interpretation**  
 Light green / Green blue colonies  
● / ●

**Escherichia coli**  
**CompactDry "Nissui" ECO**




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

**Enterobacteriaceae** AOAC / MicroVal / NordVal  
**CompactDry "Nissui" ETB**



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


**Salmonella species**  
**CompactDry "Nissui" SL**



pre-enrichment w/ BPW


<b>Incubation Temperature</b>	36 ± 1°C @ 22 ± 2 hours
<b>Incubation Time</b>	42 ± 1°C @ 22 ± 2 hours
<b>Interpretation</b>	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 "Nissui" VP**




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

**Enterococcus species** AOAC / MicroVal / NordVal  
**CompactDry "Nissui" ETC**



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

**Water Heterotroph bacteria**  
**CompactDry "Nissui" AQ**




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

Colony Counter Global Service  
 Hi-Speed@BactLAB™

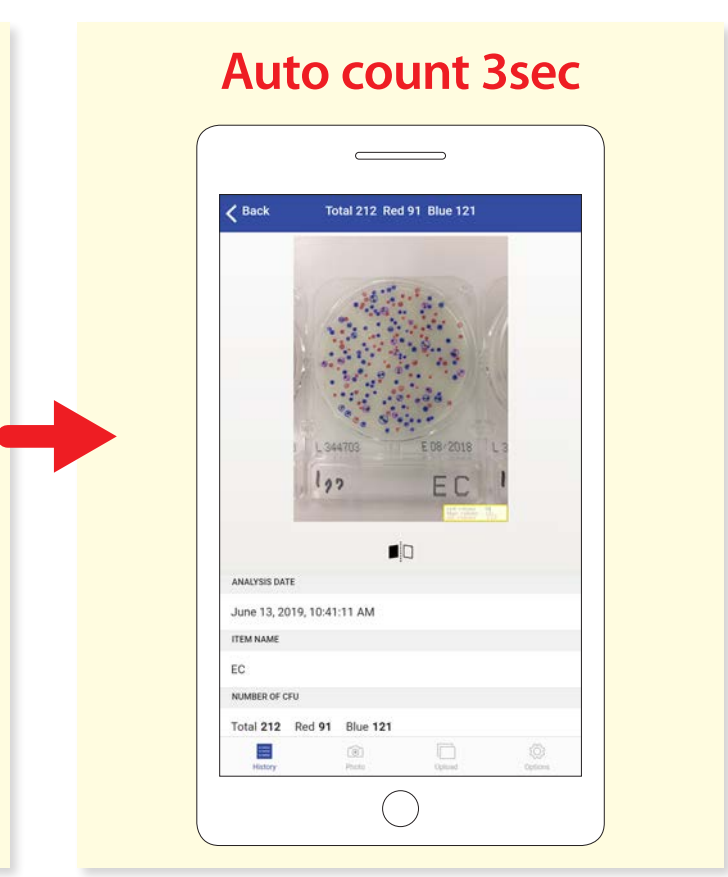


Free Application for CompactDry™  
 High-Speed  
**@BactLAB**®  
 Colony Counter Global Service

**3min**



**Auto count 3sec**



Quality Control Reports

**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)