

# NISSUI

# Food Hygiene and Environmental Testing Products

**Nissui Pharmaceutical Co., Ltd. provides total food and environmental hygiene testing products for food-related facilities (Manufacturers / Restaurants / Catering services / Schools / Department stores / Supermarkets / Convenience stores, etc.) and Hospitals / Pharmaceutical manufacturers / Reference laboratories and other medical-related facilities.**



## Product Lines

### For Food Hygienic Testing

- **Food Stamp** (11 kinds of Stamp type prepared media for food surface and wiping test)
- **Clean Stamp** (SCD agar / SCDLP agar for hygienic test in kitchen and apparatus)
- **Compact Dry** (7 kinds of dry media / TC / CF / EC / SA / VP / YM / SL)

### For Environmental control

- **Clean Stamp** (SCD agar / SCDLP agar / MSO agar / Mannitol Salt Agar with Egg Yolk)
- **Clean Stamp 25** (SCD agar / SCDLP agar / Sabouraud agar with Chloramphenicol)

### For Coliform / *E. coli* detection from Water

- **EC Blue 100P** (Granule medium in separate package for qualitative test of Coliform / *E. coli* from Water)
- **EC Blue 100** (Granule medium in nonfluorescent bottle for qualitative test of Coliform / *E. coli* from Water)

### For Food Allergen detection kit from foodstuffs

- **FASTKIT** "Egg" / "Milk" / "Wheat" / "Peanut" / "Buckwheat"
- **FA test EIA-Crustacea**
- **FA test Extraction Solution**



**NISSUI PHARMACEUTICAL CO., LTD.**

## For Coliform / *E. coli* detection from Water:

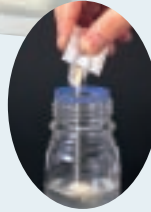
### ● EC Blue 100P ● EC Blue 100

**EC Blue 100P (granule medium in a separate package for qualitative testing of Coliform/*E. coli* in water) / EC Blue 100 (granule medium in nonfluorescent bottle for qualitative testing of Coliform/*E. coli* in water)**

Both The ministry of Health, Labor and Welfare and Japan Water Works Association officially approved EC Blue as one of the official methods for detection of Coliform and *E. coli* in water.

#### Features:

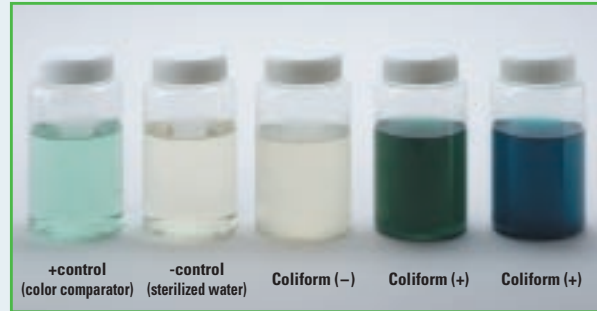
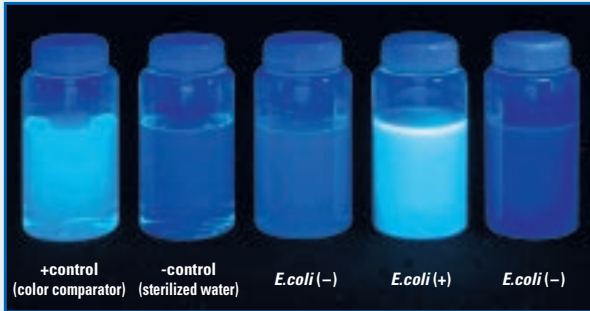
- Easy to detect Coliform and *E. coli*
- 100% sterilized and granule medium
- Easy to dissolve in water samples
- Long shelf life at RT
- Shorter incubation and detection time (18 – 24 h)



EC Blue 100P



EC Blue 100



## For Food Allergen detection kit from foodstuffs:

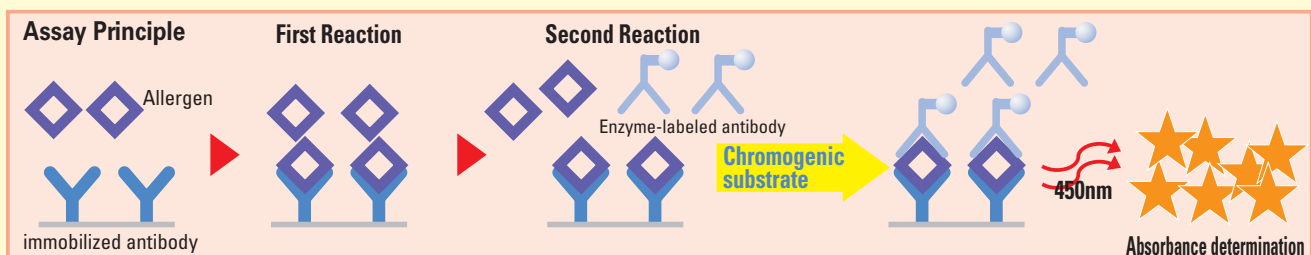
- FASTKIT "Egg" / "Milk" / "Wheat" / "Peanut" / "Buckwheat"
- FA test EIA-Crustacea

**FA test and FASTKIT are test kits to determine food allergy-derived proteins in foodstuffs precisely, based on enzyme-linked immunosorbent assay (EIA). These kits are widely applicable to samples ranging from raw ingredients to processed foods.**



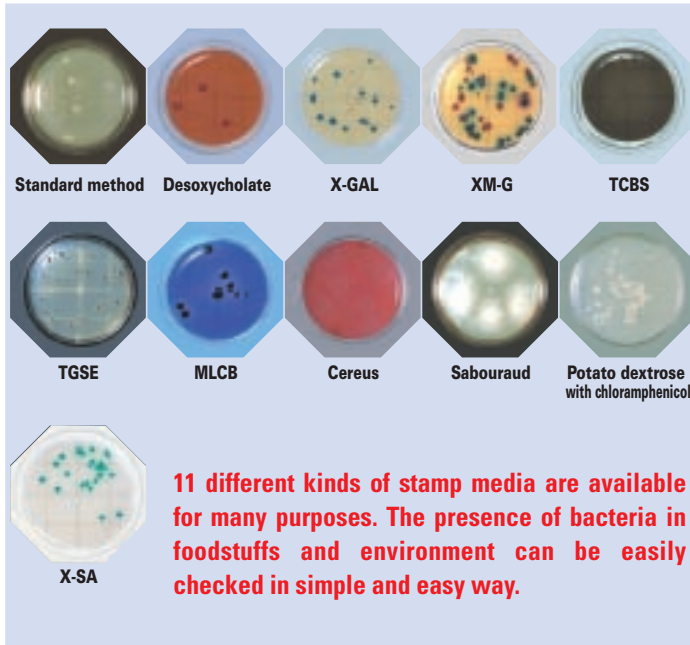
FA test EIA-Crustacea

Amendments to Food Sanitation Law in Japan have rendered it mandatory to label 5 specific raw food materials, (Eggs, Milk, Wheat, Buckwheat and Peanuts), identified to have a high possibility of triggering food allergies when foods contain more than a predetermined amount of  $\mu\text{g/mL}$  or  $\mu\text{g/g}$  of the specified raw ingredients, as of April 2002. Similarly, shrimps, prawns (except lobsters and crawfishes) and crabs is one of 20 raw food materials recommended to label, conforming to Food Sanitation Law. In addition to clearly labeling the above-mentioned food products, screening of such products is increasingly becoming important in order to confirm the amount of proteins contained in the raw ingredient, or in order to confirm the content due to the mixing of these raw materials with other foodstuffs and contamination on production lines.



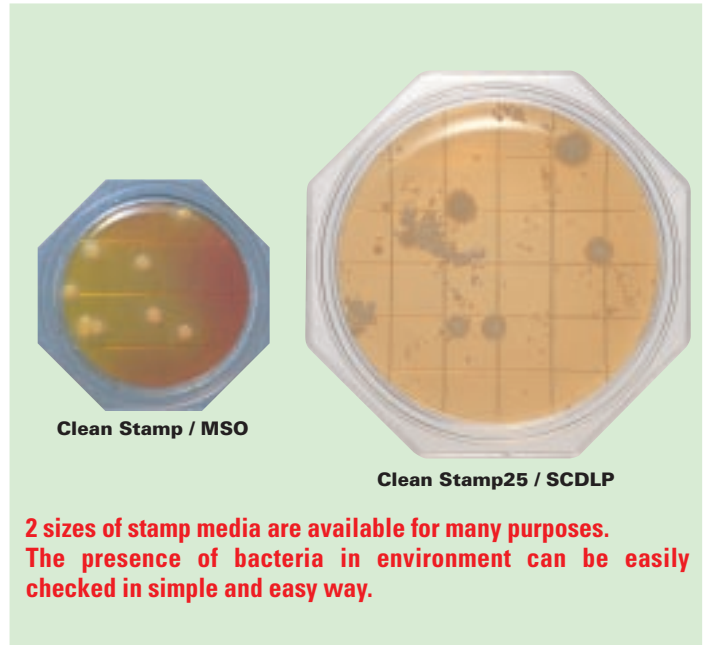
## For Food Hygienic Testing

### ● Food Stamp

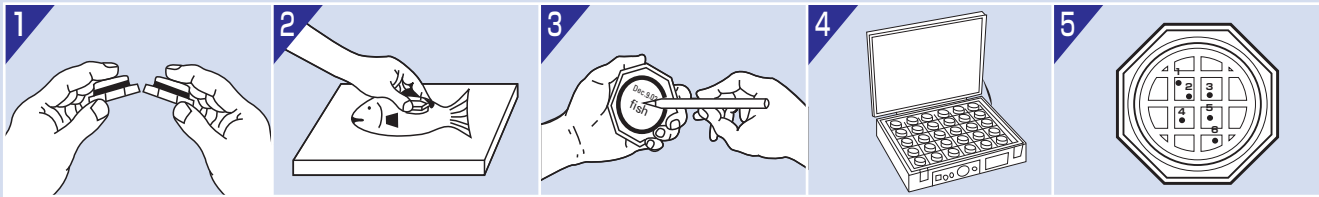


## For Food Hygienic Testing & Environmental control

### ● Clean Stamp



### Operation of Food Stamp



## For Food Hygienic Testing

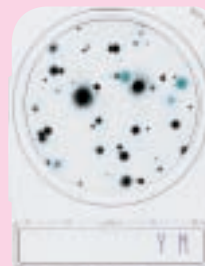
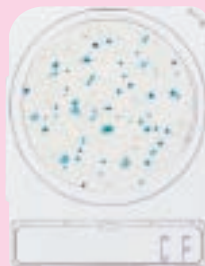
### ● Compact Dry

**There are 7 different kinds of unique dry medium named Compact Dry. Compact Dry is a ready-to-use testing method for food hygiene and food poisoning. Compact Dry TC, CF, EC, and YM have AOAC PTM (Performance Tested Methods) certificate, and Compact TC has also MicroVal certificate (European validation and certification alternative methods according to ENEN ISO 16140).**

#### Features:

- 100% sterilized and dehydrated film medium
- Long shelf life at RT
- Ready to use media (swelling by adding 1 mL of sample)

- Clear color colony by development of chromogenic substrates
- Easy picking and cloning
- Good correlation with conventional methods such as a pour plate one



#### Sample diffusion by itself

Once 1 mL of sample is placed onto a plate, the liquid sample is diffused evenly over the whole plate, and dehydrated film medium is swollen.



**“NISSUI” Brand Food Hygiene and Environmental Testing Products**

Available For	Name of Product	Code	Package	Storage	Shelf life
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**Food Hygienic Testing (Stamp Method)**

Total viable count	Food Stamp <b>Standard Method Agar</b>	06050	100 plates	4-10°C	6 months after manufacturing
		06051	30 plates		
Coliforms	Food Stamp <b>Desoxycholate Agar</b>	06052	100 plates		
		06053	30 plates		
		06763	100 plates		
		06764	30 plates		
<i>E. coli</i> / Coliforms	Food Stamp <b>X-GAL Agar</b>	06775	100 plates		5 months after manufacturing
		06776	30 plates		
<i>Vibrio parahaemolyticus</i>	Food Stamp <b>TCBS Agar</b>	06054	100 plates		6 months after manufacturing
		06055	30 plates		
<i>Staphylococcus aureus</i>	Food Stamp <b>TGSE Agar</b>	06056	100 plates		
		06057	30 plates		
		06756	100 plates		
		06757	30 plates		
<i>Salmonella</i>	Food Stamp <b>MLCB Agar</b>	06750	100 plates	4 months after manufacturing	
		06751	30 plates		
<i>Bacillus cereus</i>	Food Stamp <b>Cereus Agar</b>	06752	100 plates	6 months after manufacturing	
		06753	30 plates		
Fungi	Food Stamp <b>Sabouraud Agar</b>	06063	100 plates		
		06064	30 plates		
Food poisoning Fungi	Food Stamp <b>Potato dextrose Agar with CP</b>	06754	100 plates	5 months after manufacturing	
		06755	30 plates		

**Environmental Testing Medical Environment (Stamp Method)**

For MRSA	Clean Stamp <b>MSO Agar</b>	06780	100 plates	4-10°C	2 months after manufacturing
For <i>Staphylococcus</i>	Clean Stamp <b>MSEY Agar</b>	06781	30 plates		
		06782	100 plates		
		06783	30 plates	5 months after manufacturing	

**Regular Environment (Stamp Method)**

For Total Viable Count	Clean Stamp <b>SCD Agar</b>	06784	100 plates	4-10°C	5 months after manufacturing
		06785	30 plates		
For Total Viable Count containing inactivator	Clean Stamp <b>SCDLP Agar</b>	06786	100 plates		
		06787	30 plates		
For <i>P. aeruginosa</i>	Clean Stamp <b>PSEU Agar</b>	06789	30 plates		
For Total Viable Count	Clean Stamp25 <b>SCD Agar</b>	06790	150 plates		
		06791	30 plates		
For Total Viable Count containing inactivator	Clean Stamp25 <b>SCDLP Agar</b>	06792	150 plates		
		06793	30 plates		
For Fungi	Clean Stamp25 <b>CPSB Agar</b>	06794	150 plates		
		06795	30 plates		

**Food Hygienic Testing (Dry Media)**

Total viable count	Compact Dry <b>TC</b>	06740	40 plates	R.T. (1-30°C)	18 months after manufacturing
		06741	240 plates		
Coliforms	Compact Dry <b>CF</b>	06744	40 plates		
		06745	240 plates		
<i>E. coli</i> / Coliforms	Compact Dry <b>EC</b>	06742	40 plates		
		06743	240 plates		
Yeast and Mold	Compact Dry <b>YM</b>	06746	40 plates		
		06747	240 plates		
<i>Staphylococcus aureus</i>	Compact Dry <b>SA</b>	06734	40 plates		12 months after manufacturing
		06735	240 plates		
<i>Vibrio parahaemolyticus</i>	Compact Dry <b>VP</b>	06748	40 plates		
		06749	240 plates		
<i>Salmonella</i> detection	Compact Dry <b>SL</b>	06732	40 plates		
		06733	240 plates		

**Food Allergen Detection Test (FASTKIT ELISA) & FA test EIA**

For Egg	FASTKIT ver.II <b>“Egg” Kit</b>	08615	96 wells	2-8°C	6 months after manufacturing
For Milk	FASTKIT ver.II <b>“Milk” Kit</b>	08616	96 wells		
For Wheat	FASTKIT ver.II <b>“Wheat” Kit</b>	08617	96 wells		
For Buckwheat (soba)	FASTKIT ver.II <b>“Buckwheat” Kit</b>	08618	96 wells		
For Peanut	FASTKIT ver.II <b>“Peanut” Kit</b>	08619	96 wells		
For Crustacea	FA test <b>EIA-Crustacea</b>	08621	96 wells		
Extraction	FA test <b>Extraction Solution</b>	08622	3 bottles		

**E. coli/Coliform detection from water (EC Blue series)**

Detection	EC Blue <b>100P</b>	05591	100mLx100packs	R.T. (1-30°C)	12 months after manufacturing
	EC Blue <b>100</b>	05593	100mLx80bottles		
Positive control	<b>Comparator</b>	05617	100mLx1bottle	4-10°C	

**Further Information:**

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