

TECRA[®]

SALMONELLA VISUAL IMMUNOASSAY

A rapid and specific screening test for the detection of *Salmonella spp.* in food and environmental samples.

Why test for Salmonella?

- ♦ Salmonella is regarded as one of the most serious threats to producers and consumers of food, all over the world.
- ♦ Food poisoning outbreaks involving this pathogen have resulted in major product recalls and substantial economic loss. Numerous cases of illness and many deaths have resulted from these outbreaks.
- ♦ Food poisoning outbreaks caused by *Salmonella spp.* have involved a wide range of foods including, meat and meat products, poultry, eggs, milk and dairy products, fish, shrimp, frog legs, yeast, coconut, sauces and salad dressing, cake mixes, cream-filled desserts and toppings, dried gelatin, peanut butter, cocoa, chocolate and pasta.
- ♦ It is estimated that up to 4 million cases of salmonellosis occur in the U.S. annually. The incidence of salmonellosis appears to be rising in the U.S. and other industrialised countries.
- ♦ The TECRA Visual Immunoassay (VIA) method makes testing for Salmonella fast, simple, reliable and economical.



The TECRA Advantages



Fast

- ♦ Results available within 42 hours compared to 4 days for standard cultural methods.
- ♦ You can ship product sooner based on a rapid TECRA result.



Simple and Convenient

- ♦ No membrane strip which may become clogged with sample residue and affect the test result.
- ♦ All reagents provided.
- ♦ Easy-to-read results.
- ♦ The option of using a single selective enrichment step, saving time and money.



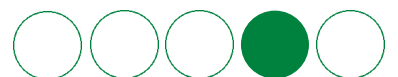
Accurate & Reliable

- ♦ Unique high affinity TECRA antibodies give results in which you can have confidence.
Sensitivity : 1-5 cfu/25 gram sample
Specificity : 95-100%
- ♦ Independent studies have shown the TECRA method to be **more sensitive** than comparative rapid methods. (Refer to the TECRA Salmonella VIA Technical Bulletin.)



Proven Performance

- ♦ Comparative studies show performance that is equivalent to standard cultural methods.
- ♦ Extensive list of approvals:
 - AOAC (Association of Official Analytical Chemists, USA) Method No. 989.14, 998.09, 2000.07
 - AFNOR (Association Française de Normalisation, France)
 - MIRINZ (Meat Industry Research Institute of New Zealand)
 - NZFSA (New Zealand Food Safety Authority) Dairy & Plants Group
 - DPIE (Department of Primary Industry & Energy, Australia)/AQIS (Australian Quarantine and Inspection Service)
 - V.D. (Danish Veterinary and Food Administration)
 - NZDB (New Zealand Dairy Board) - Approval No. 95-12-03
 - MAB (Ministry of Agriculture, Brazil)



✓ Economical

- The simplicity of the TECRA Salmonella VIA method frees up laboratory time for other tasks and projects. More can be accomplished with the same labor.
- Rapid results ensure you can release inventory earlier, reducing holding costs.

✓ Flexible

- Recommended for a wide range of food, food-related and environmental samples.
- Depending on your specific needs, the kit can be used manually, semi-automated or fully automated for large scale testing.

✓ Customer Training and Support

- You can rely on the extensive technical, training and sales support from TECRA staff and also through TECRA's global network of distributors.

Materials Required (not included in the kit):

- Culture media including pre-enrichment broth, selective enrichment broths and M-broth
- Serological pipettes: 1mL
- Pipettes: 20µL, 50µL and 200µL
- Blender or homogeniser bags
- Incubators: 35-37°C and 42°C
- Screw-cap bottles or tubes
- Boiling water bath or similar
- Plastic squeeze bottle: 500mL
- Plastic cling wrap film
- Pipette tips

For even faster results:

Use the TECRA Salmonella IMMUNOCAPTURE™ kit (SALICM20) to replace the selective enrichment step. Together with the TECRA Salmonella VIA, IMMUNOCAPTURE™ allows negative samples to be screened out in only 24 hours.

Product Information

TECRA Product Code	No. of Wells	Max. No. of Tests	Min. No. of Tests
SALVIA48	48	46	1
SALVIA96	96	94	1

TECRA Products for use with Salmonella VIA

Product Code	Description	Size	Sufficient for:
ENVSWB25	TECRAENVIROSWAB®	25	
SALICM20	TECRA Salmonella IMMUNOCAPTURE™	20 tests	
BPWMED500	Buffered Peptone Water	500g	25 litres of medium
BPWMED2000	Buffered Peptone Water	2kg	100 litres of medium
IMBSUP50	Imbentin Supplement	50mL	
IMBSUP1000	Imbentin Supplement	1L	
IMBSUP2000	Imbentin Supplement	2L	
TLBMED500	Lactose Broth	500g	38.5 litres of medium
TMBMED500	M Broth	500g	13.8 litres of medium
MBPMED500	Modified Buffered Peptone Water	500g	20 litres of medium
MBPMED2000	Modified Buffered Peptone Water	2kg	80 litres of medium
RVRMED500	Rappaport-Vassiliadis R10 Broth	500g	18.8 litres of medium
TTB(B)MED500	Tetrathionate Broth Base	500g	10.9 litres of medium
TSBMED500	TryptoneSoyBroth	500g	16.7 litres of medium

Your Partner in Rapid Testing



www.tecra.net

TECRA International Pty Ltd

13 Rodborough Road, Frenchs Forest NSW 2086, AUSTRALIA
Telephone: +61 2 8977 3000 Facsimile: +61 2 9453 3422
E-mail: enquiries@tecra.net

Distributed by: