

FOOD SAFETY TESTING

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Food safety is important to prevent foodborne diseases and encompasses proper handling, preparation and storage of food. Unsafe food may cause both acute and chronic diseases ranging from diarrhoea to various forms of cancer. These diseases and threats to food safety is a growing public health problem which must be dealt with.

FOOD TESTING

Food testing is critical in ensuring food safety. Nowadays, health-conscious consumers are willing to pay a little more for safe quality food. Different types of food may be subjected to different tests. The food processing environment and water used for food processing may also be tested via microbiological methods. These include swab tests for food contact surfaces and air sampling to detect contamination.



Why choose VFAD?

VFAD provides quality diagnostic testing for food specimens. We are a SAMM accredited laboratory with proven capability and competence in the field of diagnostic testing. Tests are conducted by competent personnel under stringent QA/QC conditions.



Food Safety Tests:

• Microbiological counts

- Standard plate count
- Coliform count
- *E. coli* count
- Total yeast and mould count
- Coagulase-positive staphylococci count
- Pseudomonas count*
- Lactic acid bacteria count*
- Standard plate count (air sampling)
- Coliform/*E. coli* count (air sampling)
- Total yeast and mould count (air sampling)



• Antibiotic/drug residues

- Total antibiotic residues screening test
- Chloramphenicol
- Nitrofurans
- Tetracyclines
- Sulfonamides
- Fluoroquinolones
- Clopidol
- Beta-agonists



• Preservatives/additives/artificial coloring

- Sudan red
- Malachite green and leucomalachite green

• Chemical contaminants

- Melamine

• Food adulteration

- Detection of Porcine Derivatives (Halal Verification)

• GM Foods

- GMO Round Up Soy

• Pathogenic microorganisms

- *Salmonella*
- *Staphylococcus aureus*
- *Cronobacter sakazakii*
- *Escherichia coli**
- *Listeria*
- *Shigella**
- *Clostridium**
- *Campylobacter**
- *Aspergillus**
- *Fusarium solani**
- *Bacillus cereus**
- *Vibrio parahaemolyticus**
- *Vibrio cholerae**

• Mycotoxins

- Zearalenone
- Aflatoxin
- Deoxynivalenol
- Trichothecenes
- Ochratoxin
- Fumonisin



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More info? Snap me!



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*** Not SAMM accredited