

## HY-ENTEROTEST

New Israeli development for the determination of the *enterobacteriaceae*.

### Cat. No. TT146

Hy-Enterotest® provides a rapid, simple and economic method for differentiating the enterobacteriaceae, especially the enteropathogenic bacteria.

By the classical methods one would need at least three tubes (Kligler or triple sugar iron agar, Urease test broth and SIM) as well as a test for ONPG to arrive at the same result as Hy-Enterotest. Most of the newer methods available on the the market are expensive and oblige the user to do a series of unnecessary tests and complicate the whole differentiation procedure, and do not give two essential elements, namely:

- a) Motility
  - b) Bacterial growth for further biochemical or serological tests when necessary.
- Hy-Enterotest gives seven essential tests:

1. Indole production.
2. ONPG (hydrolysis) degradation.
3. Glucose fermentation (acidity without gas).
4. Glucose fermentation with CO<sub>2</sub> gas formation.
5. Hydrogen Sulfide production.
6. Motility
7. Urea (hydrolysis) degradation, as well as -
8. Bacterial growth for further biochemical and serological tests.

Hy-Enterotest requires using the well practiced method known to microbiologists for many years, namely stabbing a butt and smearing a slant. No gimmicks, no complicated gadgets, just classical microbiological methods are needed. By Hy-Enterotest all stool cultures are resolved in a short time (18 hours from peaking of suspect colony), specifically the Salmonellae and Shigellae are differentiated and an indication to the wise and economic use of diagnostic antisera is given.

With Hy-Enterotest, Yersinia is not confused with Proteus. By Hy-Enterotest, all urine cultures are screened and in some cases only one further biochemical test is required for final identification.

By-Hy-Enterotest food microbiologists can determine rapidly the enteropathogens and some other bacteria contaminating food and food processing areas.

Hy-Enterotest makes the differentiation of enterobacteriaceae simpler at no extra cost to the classical methods and cheaper than the "Over Kill" methods available on the market.

Hy-Enterotest is not only sound microbiology but is also sound economics for the following reasons:

1. Uses one simple tube instead of three by classical methods.
2. Saves labor in marking and inoculating samples-once instead of three times.
3. Saves incubating space - one third, a handy space-saving tray is provided.
4. Saves manpower in reading results - one tube instead of three.
5. Reduces requirements for costly agglutination tests.
6. Minimizes the need for further biochemical tests.

In short Hy-Enterotest extends the services of the laboratory, without extending the budget. Shipped in trays of 10 with indole strips ready for immediate use.

Full instructions and record chart

supplied with each shipment, a full scale flow diagram also available free of charge.

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