Hemoccult® ICT had a clinical evaluation performed in Europe, Australia and Canada. Greater than 95% positive results were experienced reader groups, each testing blind-coded fecal samples spiked with a range of blood levels to give negative (0 mg human Hb/g feces), borderline positive (0.075 mg human Hb/g feces), and positive test results. Furthermore, in a study performed in the US, ICT had a clinical evaluation in approximately 88% of stool samples were “presumed” to be negative for lower g.i. pathology. The Hemoccult® ICT (Immunochemical Test) is a rapid, visually read, qualitative test for fecal occult blood, with a case of 4 boxes are available for the purpose. The positive control contains a suitable human hemoglobin, which serves as a positive control, and a negative control containing citrate-phosphate-bicarbonate buffer, which serves as a negative control. For test results obtained in processing stool samples.

### PERFORMANCE CHARACTERISTICS

In a study performed in Europe, Australia and Canada. Greater than 95% positive results were experienced reader groups, each testing blind-coded fecal samples spiked with a range of blood levels to give negative (0 mg human Hb/g feces), borderline positive (0.075 mg human Hb/g feces), and positive test results. Furthermore, in a study performed in the US, ICT had a clinical evaluation in approximately 88% of stool samples were “presumed” to be negative for lower g.i. pathology. The Hemoccult® ICT (Immunochemical Test) is a rapid, visually read, qualitative test for fecal occult blood, with a case of 4 boxes are available for the purpose. The positive control contains a suitable human hemoglobin, which serves as a positive control, and a negative control containing citrate-phosphate-bicarbonate buffer, which serves as a negative control. For test results obtained in processing stool samples.

### MATERIALS

- **Hemoccult® ICT Test Devices** containing gold anti-human hemoglobin antibodies (Hb-Ab®) and polystyrene beads coated with polystyrene gold nanoparticles (Control line). Control line is designed with no coating to validate the Hb-Ab® coating (Control line + human scratches).
- **Hemoccult® ICT Buffer (mL):** containing phosphates buffer (pH 7.0), molybdenum (in mM), magnesium (in mM), and CaCl2 (in mM).

### TEST PROCEDURE

1. **Bring Test Device to room temperature (15°C to 25°C):**
2. **Open Test Device:
3. **Slide Test Devices onto test line:
4. **Pull-off sheath:
5. **Pan Sample Tube blue line on a flat surface:
6. **Red Blood Cells (RBCs) in Test Line area is a positive test result:
7. **Yellow line in the Control Line is the control line.
8. **Negative result:
9. **Positive result:

### QUALITY CONTROL

- **Hemoccult® ICT Control Lot** is designed for use as a concentration control in the Hemoccult® ICT Test Kit. The control lot contains a concentration of citrate-phosphate-bicarbonate buffer, which serves as a negative control for the test kit. The presence of a control line indicates that the control lot is ready for use. For test results obtained in processing stool samples.

### BIBLIOGRAPHY