



Lab-in-a-Suitcase



International Aid's Lab-In-A-Suitcase (LIS) is a portable laboratory that can be set up and used to perform 80% of the standard tests most frequently requested by field physicians. Recent focus on HIV, Malaria and TB has made the LIS one of the few viable field laboratories capable of diagnostic testing in communities which lack adequate electricity, technology, and consumables to support a permanent laboratory. The LIS can be used as a back-up diagnostic tool for hospitals where power and supplies are unreliable. The lab is frequently used by short-term mission teams in remote areas and is included in many portable medical units. The LIS is an important component of Primary Health Care programs.

\$4,700 USD*

Kit Component Summary

Binocular Microscope includes:

- Immersion oil, 1 box each of microscope slides and cover slips

Microhematocrit Kit includes:

- Laminated reader scale, 2 vial micro capillary tubes (32mm 200/vial, EDTA) test, 2 trays Critoseal, auto lancet device, 100 lancets, 100 alcohol swabs, tweezers, 2 boxes (50 ct) disposable gloves

Hemocytometer Kit includes:

- Hemocytometer with cover slips, 2 hemocytometer filters for mouth pipette, 2 latex tubes for pipettes, 3 WBC pipettes

Hematology Stain Kit includes:

- 1 box each slides and cover slips, drying rack, Coplin jar (plastic, screw cap), Wright quick stain

ESR Sedimentation Kit includes:

- 22g stainless steel needle, 2 3cc syringes, Wintrobe tubes, 7-place rack

Colorimeter Kit includes:

- A 1,000-5,000ul pipette, a 200-1000ul pipette, 100 large/small pipette tips, 100 culture tubes (12x75mm/100)

Urine Supply Kit includes:

- 1 box each microscope slides and cover slips, 1 sleeve urine specimen cups w/lids, 12ml urine centrifuge tubes with lids (12ml), 1 box of 100-10 parameter urine test strips

Blood Collection Kit includes:

- 10 tourniquets, 50 EDTA vacutainer tubes, 100 red-top vacutainer tubes, 5 vacutainer holders, 100 needles

International Aid's Lab-in-a-Suitcase is an innovative resource for medical professionals and surveillance teams working in remote areas. This unique product offers the capability of critical laboratory measurements to underserved areas. More than 400 units are in use worldwide from the most remote locations to regions struck by disaster.

Lab-in-a-Suitcase is just one of the many tools within International Aid's global health ministry. Since 1980 International Aid has been providing medical supplies, medicines, training, and new and refurbished medical equipment for hospitals and clinics worldwide.



For more information, contact:

International Aid, Inc.
17011 Hickory, Spring Lake, MI 49456
011-616-846-7490
www.internationalaid.org

Lab Capabilities

- **Urinalysis:** (Macroscopy & Microscopy)
- **Chemistry:** Colormetric Profile Glucose, Creatinine, Total/Direct Bilirubin, Bun, Total Protein, Albumin, Calcuim (Reagents must be specified and purchased separately.)
- **Hematology:** Hematocrit – RBC, WBC – CBC Differential – ESR Sedimentation Rate

Optional Items:

- Pregnancy test strips, rapid tests for HIV, Malaria, glucometer, lumin fluorescence objective and light source



The Lab-in-a-Suitcase is designed for use in nearly all conditions and locations. The electrical connections are setup to work with standard 12 volt automotive (cigarette plugs) as well as 120/230 volt AC adapters. In addition, solar panels are included for use in areas where electricity is unavailable.

Standard Component Summary

Field Colorimeter

- Wavelength filters, 12V DC, 430-660 range

Hematocrit Centrifuge

- Uses standard capillary tubes, 4 place 12V

Hand Crank Centrifuge

- Uses standard 12ml conical or standard test tubes, 4 place rotor

Binocular Microscope

- Objectives include 4x, 10x, 40x & 100x oil immersion lens, 12V, 30 year anti-fungal warranty

Solar Panel

- Notebook-style 15w output, 12V

Rechargeable Power Pack

- Dual output sockets connections, 12V, 7 Amp hour

Manual 5 button Tally Counter

- Non-electric

Glucometer

- Life scan one-touch with controls and strips, AA battery

Hemoglobinometer

- Standard 500 test strips included

Hardshell Carry Case and Manual

- Foam insert with combination lock
- English version only

Supply kits listed on reverse side.

Lab-in-a-Suitcase is just one of the many tools within International Aid's global health ministry. Since 1980 International Aid has been providing medical supplies, medicines, training, and new and refurbished medical equipment for hospitals and clinics worldwide.



For more information, contact:

International Aid, Inc.

17011 Hickory, Spring Lake, MI 49456

011-616-846-7490

www.internationalaid.org