The comparison study results show that all of the results for clinical specimens of the Mission® Hb Hemoglobin Testing System are similar to the Hematology Analyzer from the Market Leader. The evaluation data demonstrates that the Mission® Hb Hemoglobin Testing System is substantially equivalent to the Hematology Analyzer from the Market Leader with good correlation ($r^2 > 0.98$).

**Clinical Comparison Report**

The comparison study results show that all of the results of the Mission® Cholesterol Monitoring System are similar to the Biochemistry Analyzer from the Market Leader. The patient’s capillary blood specimen and venous blood specimen for CHOL, HDL and TRIG were compared. The evaluation data demonstrates that the Mission® Cholesterol Monitoring System is substantially equivalent to the Biochemistry Analyzer from the Market Leader with good correlation (CHOL: $r^2 > 0.96$; HDL,TRIG: $r^2 > 0.98$).

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Clinical Chemistry
POCT

Advantage

Easy Sampling
• Biosensor technology for direct sampling application

Quick
• Total Cholesterol (CHOL) result in as short as 15 seconds, with only 4 μL of capillary whole blood

User Friendly
• Strip ejector to avoid contact with used test strips
• Operated in battery or standard AC adaptor mode

Clinical Comparison Report

The comparison study results show that all of the results of the Mission® Ultra Cholesterol Monitoring System are similar to the Biochemistry Analyzer from the Market Leader. The patient’s capillary blood specimen and venous blood specimen were compared. The evaluation data demonstrates that the Mission® Ultra Cholesterol Monitoring System is substantially equivalent to the Biochemistry Analyzer from the Market Leader with good correlation ($r^2 > 0.98$).

Main Application

The Mission® PT Coagulation Monitoring System is intended for self-testing and professional use for the monitoring of oral anticoagulant therapy by quantitative PT (Prothrombin Time) testing.

Advantage

Convenient
• Requires only a single drop of capillary blood or 15 μL of venous whole blood
• Results in about 2 minutes

Reliable
• Provides quick results for PT (Prothrombin Time) and INR (International Normalized Ratio)

User Friendly
• Portable and lightweight for testing in any location
• Operated in battery or standard AC adaptor mode

Why do I need to keep checking my INR?

When you are taking Coumarin-type anticoagulant, monitoring your INR can help you avoid the risks of hemorrhage.

Upcoming

• High Density Lipoprotein Cholesterol (HDL) Test Strip
• Triglycerides (TRIG) Test Strip

Clinical Chemistry
POCT
Clinical Chemistry
POCT

Mission® Ultra
Cholesterol Monitoring System

Mission®
PT Coagulation Monitoring System

Advantage
Easy Sampling
- Biosensor technology for direct sampling application

Quick
- Total Cholesterol (CHOL) result in as short as 15 seconds, with only 4 μL of capillary whole blood

User Friendly
- Strip ejector to avoid contact with used test strips
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Clinical Comparison Report

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**Clinical Chemistry Urinalysis**

**Features**
- **Advanced Technology**: CMOS Image Sensor
- **Advanced System**
  1. Lack of Functions
  2. Work List and Help Manual
  3. Risk Among Plates
  4. In-Line Liquid Function
- **Easy to Operate**: Large Color Touch-Screen LCD offers Simple Menu Navigation
- **Convenient**
  - Simple One-Step Cleaning
- **Wireless Communication**: Bluetooth, LAN, or Wi-Fi

**Input Sample Information**

<table>
<thead>
<tr>
<th>Type</th>
<th>Date/Time</th>
<th>Test Number</th>
<th>Patient ID</th>
<th>Patient Name</th>
<th>Color</th>
<th>Clarity</th>
<th>Test Mode</th>
<th>Test Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEU</td>
<td>2015-03-15 9:30 AM</td>
<td>000011</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>000012</td>
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<td>pH</td>
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<td>000011</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>000012</td>
</tr>
<tr>
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**Edit Abnormal Results and Flag Microscopy Tests**

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</table>

**Specifications & Benefits**
- **Accurate and Efficient**
  - Professional accuracy equivalent to market leader
  - Automatic Strip detection and alignment for better efficiency
  - Up to 500 tests/hour for medium/large volume sample testing
- **Convenient**
  - 4 combinations available for analyzer reading
  - Automatic calibration and waste disposal reduce hands-on time
- **Unique Lockout Functions**
  - Strip Lockout
  - User Lockout
  - QC Lockout
- **Accurate and Reliable**
  - Automatic calibration for accurate results and easy operation
  - Professional accuracy equivalent to market leader
  - Up to 120 tests/hour in Continuous Test Option
- **Convenient**
  - Saves and recalls the last 2,000 results automatically
  - Can print up to 3 copies per test for convenient reviewing and easy record keeping
- **Easy Data Management**
  - Includes RS232C and USB ports for easy data transfer to an external computer or LIS
  - Record Operator/Patient ID by Manual Entry and Barcode Reader

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**FDA**
- 510(k) Cleared and CLIA Waived
Features

- **Advanced Technology**: CMOS Image Sensor
- **Easy to Operate**: Large Color Touch Screen LCD offers Simple Menu Navigation
- **Convenient**: Easy On-Line Cleaning
- **Wireless Communication**: Bluetooth, LAN or WiFi

<table>
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<tbody>
<tr>
<td><strong>Technology</strong></td>
</tr>
<tr>
<td><strong>Throughput</strong></td>
</tr>
<tr>
<td><strong>Display</strong></td>
</tr>
<tr>
<td><strong>Edit Abnormal Results</strong></td>
</tr>
<tr>
<td><strong>Memory</strong></td>
</tr>
<tr>
<td><strong>Lockout Functions</strong></td>
</tr>
<tr>
<td><strong>Urine Color and Clarity Input</strong></td>
</tr>
</tbody>
</table>

**Input Sample Information**

- **Patient ID**
- **Patient Name**
- **Color**
- **Clarity**
- **Test Mode**
- **Test Number**

<table>
<thead>
<tr>
<th>Type of Strip</th>
<th>11A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Number</td>
<td>000012</td>
</tr>
<tr>
<td>Date/Time</td>
<td>2012-03-15 9:32:30 AM</td>
</tr>
<tr>
<td>LEU</td>
<td>1+ 70 Leucocytes</td>
</tr>
<tr>
<td>pHG</td>
<td>2+ 4 mg/dl</td>
</tr>
<tr>
<td>NTG</td>
<td>1 30 mg/dl</td>
</tr>
<tr>
<td>BIL</td>
<td>- Neg</td>
</tr>
<tr>
<td>GLU</td>
<td>2+ 20 mg/dL</td>
</tr>
</tbody>
</table>

**Edit Abnormal Results and Flag Microscopy Tests**

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<tr>
<td>pHG</td>
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<td>- Neg</td>
</tr>
<tr>
<td>GLU</td>
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</tbody>
</table>

**Results**

- **Type of Strip**: 11A
- **Test Number**: 000012
- **Date/Time**: 2012-03-15 9:32:30 AM
- **LEU**: 1+ 70 Leucocytes
- **pH**: 5.5
- **NTG**: 1 30 mg/dl
- **BIL**: - Neg
- **GLU**: 2+ 20 mg/dL

**Specifications & Benefits**

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  - Professional accuracy equivalent to market leader
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  - Up to 500 tests/hour for medium/large volume sample testing

- **Convenient**
  - 4 combinations available for analyzer reading
  - Automatic calibration and waste disposal reduce hands-on time
  - Unique Lockout Functions: Strip, User, QC

- **Accurate and Reliable**
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**Specifications & Benefits**

- **FDA 510(k) Cleared**
- **CLIA Waived**

**Reliable Urine Analyzer with Competitive Price**

- **Accurate and Reliable**
  - Automatic calibration for accurate results and easy operation
  - Professional accuracy equivalent to market leader
  - Up to 120 tests/hour in Continuous Test Option

- **Convenient**
  - Saves and recalls the last 2,000 results automatically
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- **Easy Data Management**
  - Includes RS232C and USB ports for easy data transfer to an external computer or LIS
  - Record Operator/Patient ID by Manual Entry and Barcode Reader
Urinalysis Reagent Strips

Reliable Quality with the Most Combinations Available
- Up to 14 parameters can be tested, including Microalbumin, Creatinine and Calcium
- Analytical sensitivity better than or comparable to market leaders
- High quality color chart ensures accurate visual reading
- Over 35 different combinations available
- 2 year shelf life for unopened canisters which offers cost savings and convenience for high volume testing

Unique Design Ensures High Quality
- Uniquely constructed with laminated mesh overlay
  - Helps to avoid chemical run over and interaction between pads
  - Provides uniform color for easy reading
  - Simplified procedure eliminates extra step for removing excess urine
  - High Ascorbic Acid resistance
- Up to 11 combinations available for visual reading and up to 7 combinations available for analyzer reading

Simplified Strips Based on U033 Strips, without Laminated Mesh
- Uniquely designed without laminated mesh overlay for competitive pricing
- Two canisters available
  - Canister with desiccant caps: 25, 50, 100, and 150 strips per canister
  - Canister without desiccant in the canister: 25, 50, and 100 strips per canister

ACR (Microalbumin/Creatinine) Test - Accurate Diagnosis of Microalbuminuria or Early Kidney Disease

Microalbumin/Creatinine Test Strips

Advantages
- Detects Microalbumin as low as 20 mg/L and provides better sensitivity compared to Protein parameter
- Quickly identifies patients who are at risk for developing microalbuminuria and early kidney damage
- Reports 3 results in one test: Microalbumin, Creatinine, and ACR
- Random test, no requirement of 24-hour urine specimen

Specifications
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Read Time</th>
<th>Test Range</th>
<th>Storage Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microalbumin</td>
<td>60 sec</td>
<td>10-1200 mg/L, 10 mg/L</td>
<td>Room Temperature or Refrigerated (2-8°C) or 35-40°F</td>
</tr>
<tr>
<td>Creatinine</td>
<td>60 sec</td>
<td>14-120 mg/dL (2.2-20.3 mmol/L)</td>
<td>Room Temperature or Refrigerated (2-8°C) or 35-40°F</td>
</tr>
</tbody>
</table>

Individual Package Suitable for Home Use

Urinary Tract Infection Test Strips

Advantages
- Performs a simple urine test comfortably and privately at home for possible Urinary Track Infection (UTI)
- Helps doctor detect and monitor UTI frequency before it becomes serious
- Inexpensive testing without the need of laboratory instruments or home equipment
- Easy to test and read

Specifications
<table>
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<tr>
<th>Feature</th>
<th>Technical Specification</th>
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<tbody>
<tr>
<td>Test Parameters</td>
<td>Leukocytes or (E), Nitrite (NIT)</td>
</tr>
<tr>
<td>Time to Results</td>
<td>Leukocytes at 3 min, Nitrite at 1 min</td>
</tr>
<tr>
<td>Storage Conditions</td>
<td>Room temperature 34-60°F (2-8°C) and out of direct sunlight</td>
</tr>
</tbody>
</table>

Urine Control

Reliable
- Use with Mission® and Mission® Expert Urinalysis Reagent Strips and Urine Analyzers for optimum quality control
- Ensures accurate results for all 14 parameters

Liquid Urine Control
- 24 month shelf life
- 2 Packaging Options
  - Dropper tip bottles
  - Dispense
Urinalysis Reagent Strips

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<th>Read Time</th>
<th>Test Range</th>
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<tbody>
<tr>
<td>Albumin (KU/L)</td>
<td>60 sec</td>
<td>10-100 mg/L, 10-150 mg/L, 150 mg/L</td>
<td>Room Temperature or Refrigerated (2-8°C or 36-46°F)</td>
</tr>
<tr>
<td>Creatinine (mg/dL)</td>
<td>60 sec</td>
<td>15-200 mg/dL, 20-250 mg/dL</td>
<td></td>
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</table>

Individual Package Suitable for Home Use

Urinary Tract Infection Test Strips

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- Performs a simple urine test comfortably and privately at home for possible Urinary Track Infection (UTI)
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Liquid Urine Control
- 24 month shelf life
- 2 Packaging Options
  - Dropper tip bottles
  - Dipstick
Quickly Detects ALT with C100 Dry Chemistry Analyzer and ALT Test Strips

**Advantages**
- Dry chemistry technology eliminates inconvenience of liquid reagents
- Simply apply specimen to strip, insert into analyzer and read results
- High performance chemistry ideal for blood banks, physicians' offices, and hospital labs
- Accurate detection comparable to centralized labs

**Clinical Comparison Report**

Comparison Study Between C100 Dry Chemistry with Biochemistry Analyzer from the Market Leader

**Conclusion:**
The Mission® C100 Dry Chemistry Analyzer and the Mission® ALT Test Strips are substantially equivalent to the Clinical Chemistry Analyzer from the Market Leader using the IFCC reference method for venous whole blood and plasma.

With Mission Breath Alcohol Detectors and Saliva Alcohol Test Strips, you will be able to detect the presence of alcohol easily and quickly

- Accurate and Convenient
- Quick and easy detection
- Suitable for use in homes, schools, workplaces, rehabilitation centers, hospitals etc.
- Non-invasive specimen collection allows for on-site testing
- Cost-effective method compared to other alcohol detection tests
- Compact and individually wrapped packaging for use anytime and anywhere

**Two Unique Products Available**

**Breath Alcohol Detectors**
- Color chart and optional blow bag for more accurate readings
- Most convenient and hygienic sampling method for alcohol detection
- 3 year shelf life with room temperature storage

**Saliva Alcohol Test Strips**
- Single strip detects multiple concentrations of 0.02-0.30% BAC
- Unique strip with all-in-one detection offers cost-effective testing of a single sample
- 18 month shelf life
Quickly Detects ALT with C100 Dry Chemistry Analyzer and ALT Test Strips

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