About this package insert

Thank you for your interest in this ACCURUN product. This package insert consists of two pages. The first page contains the product name and an explanation of the symbols used on the labeling. The second page contains the complete package insert text. If the package insert you view or print does not contain two pages, or if you experience any problems, please email us at info@seracare.com. By phone: US customers call 800.676.1881; International customers call collect 508.634.3359. A printed package insert will be sent to you upon request.

Explanation of symbols used in SeraCare product labeling

- **X** Harmful/Irritant
  - This product contains 0.1% ProClin® 300.
  - R43 May cause sensitization by skin contact.
  - S24 Avoid contact with skin.
  - S35 This material and its container must be disposed of in a safe way.
  - S37 Wear suitable gloves.

- **Upper limit of temperature**
- **Temperature limitation**
- **“Caution, consult accompanying documents”**

- **Biological risks**
- **Use By**

- **CONTROL -** Negative control
- **CONTROL +** Positive control

- **REF** Catalogue number
- **LOT** Batch code

- **EC REP** Authorized Representative in the European Community
- **IVD** In Vitro Diagnostic Medical Device

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Phone: 001.508.244.6400 | info@seracare.com

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NAME AND INTENDED USE
ACCURUN 810 Multi-Marker Negative Control is designed for use in vitro diagnostic test procedures for the qualitative determination of Hepatitis B Surface Antigen (HBsAg), Hepatitis B e Antigen (HBeAg), Syphilis RPR, and antibodies to Hepatitis B Surface Antigen (HBsAb), Hepatitis B Core Antigen (HBcAb) and IgM, Hepatitis C Virus (HCV), Hepatitis A Virus (HAV and HAV IgM), Cytomegalovirus (CMV), Toxoplasma gondii (Syphilis ATAT), Borrelia burgdorferi (Lyme IgG and Lyme IgM), HIV 1 and 2, and HTLV I and II. Positive controls for many of these analytes are available separately from SeraCare Life Sciences. For In Vitro Diagnostic Use.

SUMMARY
Frequent testing of independent quality control samples provides the analyst with a means of monitoring the performance of laboratory assays. Routine use of controls enables laboratories to monitor day-to-day test variation, lot-to-lot performance of test kits, and operator variation, and can assist in identifying increases in random or systematic error. A well-designed quality control program can provide added confidence in the reliability of results obtained for unknown specimens. The use of independent controls may provide valuable information concerning laboratory proficiency and lot variation that may affect assay sensitivity.

PRINCIPLES OF THE PROCEDURE
ACCURUN 810 Multi-Marker Negative Control is designed for use with in vitro assay procedures for purposes of monitoring test performance. ACCURUN 810 Multi-Marker Negative Control is manufactured from human serum or plasma nonreactive for HBsAb, HBeAg, anti-HBs, anti-HBC, anti-HBC IgM, anti-Hbe, anti-HCV, anti-HAV, anti-HIV 1 and 2, HTLV I and II, Lyme IgG and Lyme IgM, Syphilis ATAT. ACCURUN controls do not have assigned values. This control has been formulated to produce negative reactivity in all of these manufacturers’ assays listed in Table 1. Specific levels of reactivity will vary among different manufacturers’ assays, different procedures, different lot numbers, and different laboratories.

REAGENTS
Cat. No. A910-0001 1 vial, 5.0 mL per vial
Cat. No. A910-0005 6 vials, 3.5 mL per vial
This control contains stabilizers (EDTA, buffering agents), and 0.1% ProClin® (5-chloro-2-methyl-4-isothiazol-3-one & 2-methyl-4-isothiazol-3-one) as preservative.

WARRANTS AND PRECAUTIONS
For In Vitro Diagnostic Use.
CAUTION: Handle ACCURUN controls and all human blood products as though capable of transmitting infectious agents. ACCURUN 810 Multi-Marker Negative Control is manufactured from human serum or plasma nonreactive for HBsAb, and antibodies to HIV 1 and 2, HTLV I and II, and HCV with current FDA licensed tests.

Safety Precautions
Use the Centers for Disease Control (CDC) recommended universal precautions for handling ACCURUN and human blood. Do not pigtreat by mouth; do not eat or drink in areas where specimens are being handled. Clean any spillage by immediately wiping up with 0.5% sodium hypochlorite solution. Dispose of all specimens, controls, and materials used in testing as though they contain infectious agents.

Handling Precautions
Do not use ACCURUN controls beyond the expiration date. Avoid microbial contamination of the controls when opening and closing the vials.

STORAGE INSTRUCTIONS
Store ACCURUN 810 Multi-Marker Negative Control at 2-8°C. Once opened, ACCURUN 810 should be stored at 2-8°C and discarded after 30 days. After opening, record the date opened and the expiration date on the vial. Multiple freeze-thaw cycles are not recommended, and may have variable adverse effects on test results. To prevent leakage, store vials upright.

INDICATIONS OF REAGENT INSTABILITY OR DETERIORATION
Alterations in physical appearance may indicate instability or deterioration of ACCURUN controls. Solutions that are visibly turbid should be discarded.

PROCEDURE
Materials Provided
ACCURUN 810 Multi-Marker Negative Control is manufactured from human serum or plasma nonreactive for HBsAg, HBeAg, Syphilis RPR and antibodies to HBs, HBc, Hbc IgM, CMV, HCV, HAV, HIV IgM, HIV 1 and 2, HTLV I and II, Lyme IgG and IgM, and Syphilis ATAT.

Materials Required but Not Provided
Refer to instructions supplied by manufacturers of the test kits to be used.

Instructions for Use
Allow the controls to reach room temperature prior to use, then return controls to refrigerated storage immediately after use. Mix the contents of the vials by gentle swirling. ACCURUN controls should be included in a test run using exactly the same procedure provided by the manufacturer for the test kit. ACCURUN controls must NOT be substituted for the positive and negative control reagents provided with manufactured test kits.

Quality Control
Since ACCURUN controls do not have assigned values, it is recommended that each laboratory validate the use of each lot of ACCURUN with each specific assay system prior to routine use in the laboratory.

INTERPRETATION OF RESULTS
Levels of reactivity of ACCURUN 810 Multi-Marker Negative Control may vary with different manufacturers’ tests and different test kit lots. Since the control does not have an assigned value, the laboratory must establish a range for each lot of ACCURUN 810 Multi-Marker Negative Control. When results for ACCURUN 810 Multi-Marker Negative Control are outside the established acceptable range of values, this may be an indication of unsatisfactory test performance. Possible sources of discrepancy include: deterioration of test kit reagents, operator error, faulty performance of equipment, or contamination of reagents.

LIMITATIONS OF THE PROCEDURE
ACCURUN CONTROLS MUST NOT BE SUBSTITUTE FOR THE POSITIVE AND NEGATIVE CONTROL REAGENTS PROVIDED WITH MANUFACTURED TEST KITS.

Carboin. No. A810-0001 vial, 5.0 mL per vial
Cat. No. A810-0005 6 vials, 3.5 mL per vial
This control contains stabilizers (EDTA, buffering agents), and 0.1% ProClin® (5-chloro-2-methyl-4-isothiazol-3-one & 2-methyl-4-isothiazol-3-one) as preservative.

REFERENCES
2. CDC recommendations for prevention of HIV transmission in health care settings. MMWR 36 (Kapp 2), 1987.

Table 1. ACCURUN 810 Multi-Marker Negative Control is nonreactive in the following manufacturers’ tests:

<table>
<thead>
<tr>
<th>Analyte</th>
<th>Manufacturer</th>
<th>Product Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>HBeAg</td>
<td>DiaSorin, Stillwater MN</td>
<td>ETI-MAK-2 PLUS EIA</td>
</tr>
<tr>
<td>HBeAg</td>
<td>Bio-Rad Laboratories, Redmond, WA</td>
<td>ETI-CAPITA™ CMV</td>
</tr>
<tr>
<td>anti-HCV</td>
<td>Ortho Diagnostics, Raritan, NJ</td>
<td>ETI-AB-EK-PLUS</td>
</tr>
<tr>
<td>anti-HAV</td>
<td>Abbott Laboratories, Abbott Park, IL</td>
<td>ETI-ARCHITECT™ CORE-M™</td>
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<tr>
<td>anti-HAV</td>
<td>Bio-Rad Laboratories, Redmond, WA</td>
<td>ETI-AB-AU-PLUS</td>
</tr>
<tr>
<td>anti-HBc</td>
<td>DiaSorin, Stillwater MN</td>
<td>ETI-AB-AU-PLUS</td>
</tr>
<tr>
<td>anti-HBc</td>
<td>DiaSorin, Stillwater MN</td>
<td>ETI-HA-6MK PLUS</td>
</tr>
<tr>
<td>anti-HIV 1/2</td>
<td>Bio-Rad Laboratories, Redmond, WA</td>
<td>Genetic Systems HIV-1/2 PLUS E OIA</td>
</tr>
<tr>
<td>anti-HIV 2</td>
<td>Bio-Rad Laboratories, Redmond, WA</td>
<td>Genetic Systems HIV-2 EIA</td>
</tr>
<tr>
<td>anti-HTLV III</td>
<td>Abbott Laboratories, Abbott Park, IL</td>
<td>PRISMTM HTLV-I/II</td>
</tr>
<tr>
<td>Lyme IgG</td>
<td>邹士斯坦科林, Branchburg, NJ</td>
<td>Wampole 8. burgdorferi IgG ELISA II</td>
</tr>
<tr>
<td>Lyme IgM</td>
<td>邹士斯坦科林, Branchburg, NJ</td>
<td>Wampole 8. burgdorferi IgG ELISA II</td>
</tr>
<tr>
<td>Syphilis ATAT</td>
<td>Trinity Biotech plc, Dublin, Ireland</td>
<td>Capita Syphils G EIA</td>
</tr>
<tr>
<td>Syphilis RPR</td>
<td>Pulse Scientific</td>
<td>RRPR Screening test for Syphils</td>
</tr>
</tbody>
</table>

For assistance, contact SeraCare Technical Support at 001.508.244.6400.