ENGINEERING EXCELLENCE.

Carefully designed and manufactured. Precisely assayed. Absolutely dependable, set after set.

Alpkem reference serum for continuous flow analyzers. Engineered like no other reference serum in the world.

ALPKEM®

Alpkem Corporation
P.O. Box 1260
Clackamas, Oregon 97015
(503) 657-3010
(800) 547-6275

DISTRIBUTED BY AMERICAN SCIENTIFIC PRODUCTS
GPO-PAP method for Triglyceride determination

From Wako. Because Wako has spent years researching enzymes for application to clinical laboratory procedures. The results are clear: enzymatic, colorimetric methods simplify what was once a tedious process—and provide greater reliability as well.

Wako now introduces its superior Triglyceride analysis method to assure highly specific, highly accurate results with incomparable procedural ease. Available as a manual kit, or adaptable to most automated analyzers, as are Wako’s enzymatic, colorimetric methods for NEFA, Phospholipid and Cholesterol level determinations.
THE CHALLENGE

We challenge comparison of our new non-isotopic, quantitative monoclonal antibody pregnancy test with any traditional HCG assay—including RIA's. We have compared, and we will provide to you free the test samples you need to repeat the comparison in your laboratory.

THE CHALLENGER—
TANDEM-E HCG

TANDEM-E HCG is the first of a new family of solid phase, non-isotopic assays from Hybritech. Monoclonal antibodies and new enzyme-antibody conjugation technology permit design of a new ImmunoEnzyMetric Assay (IEMA) with linear, single point calibration, excellent sensitivity and precision, and procedural simplicity and convenience.

TANDEM-E delivers the sensitivity, specificity and quantitation of radioactive assays in a non-isotopic assay. Additionally, TANDEM-E "IEMA" offers better assay performance, procedural convenience and working reagent stability than conventional "ELISA" non-isotopic assays.

COMPARE CALIBRATION CURVES

Single point calibration, the first ever for a quantitative HCG immunoassay, is offered by TANDEM-E. Now you can quantitate HCG results with this linear, direct dose response curve as easily as most RIA's deliver a "yes/no" result.

Compare the linear, single point TANDEM-E curve to the multipoint curve of conventional RIA's.

COMPARE SENSITIVITY

Early assessment of pregnancy is always important—often crucial—to the patient's or ordering physician's decisions. Achievement of low level sensitivity necessary for early decisions requires highly specific antibodies to insure accuracy of reported results.

TANDEM-E provides excellent sensitivity and lower pregnancy test cut-off values than conventional assays without lengthening incubation times.

<table>
<thead>
<tr>
<th>COMPARE SENSITIVITY*</th>
<th>TANDEM-E HCG</th>
<th>AMER. DIAG.</th>
<th>NML</th>
<th>SERONO</th>
<th>WAMPOL</th>
<th>ROCHE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantitative</td>
<td>25 Quant/Qual. 40 Beta CG II 40* Chorio Gonad.* 30-40* Beta-Tec* 40* SensiSide*</td>
<td>40 Beta CG II 5 Chorio Gonad.* 3-4 Beta-Tec* N/A SensiSide*</td>
<td>25 Quant/Qual. 40 Beta CG II 40* Chorio Gonad.* 30-40* Beta-Tec* 40* SensiSide*</td>
<td>25 Quant/Qual. 40 Beta CG II 40* Chorio Gonad.* 30-40* Beta-Tec* 40* SensiSide*</td>
<td>25 Quant/Qual. 40 Beta CG II 40* Chorio Gonad.* 30-40* Beta-Tec* 40* SensiSide*</td>
<td>25 Quant/Qual. 40 Beta CG II 40* Chorio Gonad.* 30-40* Beta-Tec* 40* SensiSide*</td>
</tr>
<tr>
<td>Pregnancy Cut-off Value, mIU/ml</td>
<td>2.5</td>
<td>5</td>
<td>N/A</td>
<td>3-4</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Quantitative Sensitivity, mIU/ml</td>
<td>20</td>
<td>5</td>
<td>N/A</td>
<td>5</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Incubation +</td>
<td>60 min.</td>
<td>65 min.</td>
<td>80 min. 45 min. 45 min. 2 min.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Centrifuge Time</td>
<td>90 min.</td>
<td>210 min.</td>
<td>N/A</td>
<td>75 min. N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*These HCG values are referenced to the 2nd (N.M.O. 2nd 1 1*), and should be accompanied by comparison to TANDEM-E HCG. Comparisons directly to conventional immunoassays standardized against the new HCG Test Kit.
The result you always dreamed of.

When Corning helps you build an electrophoresis system, you choose the components. Put them together to suit your needs. And arrange them when and if those needs change.

To build your system, you can choose from cassette cells and power supplies, an incubator/oven, a sample dispenser, a densitometer/fluorometer, and 14 different electrophoresis procedures—products of more than a decade of agarose electrophoresis experience.

And that's not all, because you'll also have the advantage of:
- New, time-saving procedures for CK and LD isoenzymes.
- New electrophoresis controls for CK, LD, and serum protein.
- New reagent for removing labile portion of glycosylated hemoglobin.
- New improved alkaline phosphatase isoenzyme procedure.

Ready-to-use agarose gel plates make your system convenient and easy to use. Precut sample wells and quality-assured reagents produce accurate, reproducible separations in a minimum amount of time. What's more, fewer steps produce real time savings for CK and LD isoenzyme procedures.

Of course, your Corning electrophoresis system isn't just convenient and easy to use—it's also cost-effective. For example, it lets you perform many screening and follow-up procedures right in your lab, so you spend less on the services of a reference lab.

Plus, every Corning electrophoresis system also comes with Continuing Care—our commitment to respond to your needs with instrumentation that's not only accurate but efficient and economical as well.

Why not build the electrophoresis system of your dreams? Corning agarose electrophoresis products are available from more than 100 distributor locations across the U.S. and Canada. For a demonstration or more information, call or write:

Corning Medical
Corning Glass Works
Medfield, MA 02052
800-255-3232 • 617-359-7711
Telex: 924420

Agarose Electrophoresis Systems

Continuing Care

CORNING

Circle No. 202 on Readers' Service Card