Notice of Availability of Vitamin D Standard Reference Material

Available on: April 15, 2009

NIH Office of Dietary Supplements and the National Institute of Standards and Technology (NIST)

The National Institute of Standards and Technology (NIST) has worked with the National Institutes of Health’s Office of Dietary Supplements to develop a standard reference material (SRM) for circulating vitamin D analysis. This reference material, SRM 972 Vitamin D in Human Serum, consists of four pools of fresh-frozen serum. Each pool has a different level of 25(OH)D2, 25(OH)D3, or both. One pool also contains 3-epi-25(OH)D3. The SRM will provide a material with stable, well-defined levels of the analytes of interest. It will serve as a reproducible point of comparison, of results across laboratories and within a given laboratory over time. Investigators can use the SRM to validate new analytical methods as they are developed and to assign values to in-house quality-control materials.

Investigators also have the opportunity to participate in an ODS-funded NIST quality assurance program for analysis of vitamin D metabolites in human serum (e.g., 25(OH)D2 and 25(OH)D3): Participation in this quality assurance program will demonstrate your laboratory’s proficiency for assessment of vitamin D status. As such, it adds to the credibility of your study results. There will be no fee for participation (nor will study participants be paid to participate). NIST chemometricians will compile data and provide you with confidential feedback regarding your laboratory’s performance relative to expected values.

Also available from NIST is the new SRM 3280 for multivitamin/multielement tablets. This will be of value to manufacturers and clinical trialists who currently have no definitive, independently certified standard with which to verify their testing methods and calibrate their equipment.

Inquiries: Karen Phinney, Ph.D.
National Institute of Standards and Technology,
Phone: 301-975-4457; e-mail: karen.phinney@nist.gov

Award Announcement

The M. L. Sunde Award

The M.L. Sunde Award recognizes outstanding experimental, applied or fundamental research on avian nutrition.

An award of $2,500 will be presented annually to the first author or authors of an outstanding research paper using an avian species in research published in The Journal of Nutrition. Eligible manuscripts will be reviewed by an Award Jury. The selection of the awardee will be based on the long term value of the research to the poultry industry and to mankind.

The M.L. Sunde Award is made available by the M.L. Sunde Endowment Fund.
The American Society for Nutrition

Sustaining Members

Abbott Laboratories, Ross Products Division
The Almond Board of California
Bush Brothers, Inc.
The Beef Checkoff, through the National Cattlemen’s Beef Association (NCBA)
Cadbury
Campbell Soup Company, Global Nutrition and Health
ConAgra Foods, Inc.
The Dannon Company
DSM Nutritional Products, Inc.
Egg Nutrition Center
General Mills
Gerber Products Company
GlaxoSmithKline Consumer Healthcare
Kellogg Company
Kraft Foods
Mars, Inc.
Martek Biosciences Corp.
McCormick Science Institute
McDonald’s
McNeil Nutritional
Mead Johnson Nutritionals
Monsanto Company
National Dairy Council
Nestle Nutrition Institute of Nestle USA
Pepsico
Pfizer
Pharmanex
POM® Wonderful, LLC
The Procter & Gamble Company
Solae, LLC
The Sugar Association, Inc.
Tate & Lyle
Unilever Bestfoods
Welch’s

The American Society for Nutrition is pleased to acknowledge the support by these organizations for educational programs of the society.
As seasons change... so do grain-based lab animal diets.

Grain-based lab animal diets change along with the seasons allowing for variations in the macronutrient content of the ingredients. These changes can lead to variation in the levels of phytoestrogens, heavy metals, and other xenobiotic compounds that ride-along with these ingredients.

Purified-ingredient OpenSource Diet formulas are completely open and change only at the researcher's request, allowing them to report exactly what their animals are fed, repeat their experiments, and revise dietary components while matching previous diets. Don't leave your diet formulas to chance -- Know what you're feeding with OpenSource Diets. Contact our Resource Center at info@researchdiets.com to learn more.

Experimental Biology is an annual meeting comprised of nearly 13,000 scientists and exhibitors representing six sponsoring societies and 18 guest societies. General fields of study include anatomy, physiology, biochemistry, molecular biology, pathology, nutrition, pharmacology and immunology. EB 2010 is open to all members of the sponsoring and guest societies and nonmembers with interests in research and vie sciences. The majority of scientists represent university and academic institutions as well as government agencies, nonprofit organizations and private corporations.

The multidisciplinary, scientific meeting features plenary and award lectures, pre-meeting workshops, oral and poster sessions, on-site career services and an exhibit floor with an array of equipment, supplies and publications required for research labs and experimental study.

EXPERIMENTAL BIOLOGY 2010 OFFERS:

• Access to 6 collective society meetings in one location with one registration fee
• More than 50 concurrent scientific sessions open to all attendees spanning the scientific disciplines of the sponsoring societies
• Over 400 exhibit booths representing nearly 300 companies
• 4 days of poster sessions with over 5,000 poster displays and author presentations
• Over 90 award programs, of more than $700,000, in travel funding opportunities and poster competitions (awards vary by society)
• Over 65 countries represented annually at the meeting creating a diverse audience
• CME credits available (ASIP sessions only)
• Extensive career development opportunities for students and postdoctoral fellows
• Same registration fees as 2009

MARK YOUR CALENDAR
Experimental Biology 2010 - Today's Research: Tomorrow's Health
April 24 - 28, 2010
Anaheim Convention Center
800 West Katella Avenue
Anaheim, CA 92802

Scientific Sessions: ............... Saturday, April 24 – Wednesday, April 28
Poster Sessions: ............... Sunday, April 25 – Wednesday, April 28
Exhibits: ................. Sunday, April 25 – Tuesday, April 27

Contact us at:
EB2010
9650 Rockville Pike
Bethesda, MD 20814-3998
(t) 301-634-7010
(f) 301-634-7014
or 301-634-7008
eb@fasb.org
www.experimentalbiology.org

WWW.EXPERIMENTALBIOLOGY.ORG