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The Portable System for Quantitative 6-Minute hCG Testing

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A Sample Management System for Pre-natal AFP Screening

Your Prenatal Screening Program must work for the benefit of both the geneticist and the patient. To do that you need a fully integrated system including accessioning, positive sample ID, data reduction, QC tracking, interpretive reporting, management reports, and a database. AFP/SMS supplies all these and more!

- Evaluation of the Down Syndrome risk using MSAFP alone or AFP, βhCG and unconjugated E₂;
- Calculation of AFP MoM corrected for maternal weight, maternal race, insulin-dependent diabetes and twin pregnancies;
- Interpretive reporting in plain English, and you compose the text.

Your lab name

Physician’s name placed so address will appear in a window envelope.

Sample data

Your lab decides what gets written here. Your wording, not ours.

Down Syndrome risk

Your wording

Robert Maciel Associates
Box 212, Arlington, MA 02174

Director: William B. Adams, PhD
Tel: (617) 646-3627 Fax: (617) 646-7607

Patient Name: Walldorff, Karen

Age at Ende: 35
Birth: 126 lbs.
Birth date: 01/01/55
Sample number: 12795
Sample drawn: 06/11/89
Report date: 08/17/99
RH: W, Diabetes: No

Maternal Serum Results - Singleton Pregnancy

AFP: 83.00 ng/ml 1.4 MoM
hCG: 5.30 IU/ml 0.77 MoM

Maternal: No
Genetic: Age: 35 weeks
Family history: MTO: Re

*** SCREEN POSITIVE FOR DOWN SYNDROME ***

OPEN MT RisK ASSESSMENT

This serum AFP value, adjusted for maternal weight, is NOT RAISED for a pregnancy of this gestational age. If the gestational age is based on reliable menstrual dates, this reduces the risk of open neural tube defect to below one in five hundred; the approximate population prevalence at birth.

DOWN SYNDROME RISK ASSESSMENT

Risk of Down Syndrome using age only is 1:660
Risk of Down Syndrome using age, AFP, hCG, and Maternal is 1:160

*** The risk for Down syndrome may be equal to or greater than the second trimester risk of a 35 year old woman (1:170). An ultrasound examination is indicated to accurately assess gestational age. If ultrasound confirms the gestational age, genetic counseling with regard to the risks and benefits of amniocentesis is supported.

Reviewed by

Comments

AFP/SMS is brought to you by the creators of RIA AID and ELISA AID. For further information, including a brochure, call or write:

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