

DATA SET NAME: ins_hba5
Collected on Offspring at exam 5
Processed at offsite Lab

Please read coding manual carefully.

VARIABLE INFORMATION

Random ID Random ID number

hba1c hemoglobin A1c Off. exam 5:

pfinsln5 plasma fasting insulin Off. exam 5 **

p2insln5 plasma 2-h OGTT insulin Off. exam **

sfinsln5 serum fast insln=(plsma insln-17.09/1.4) **

s2insln5 serum 2-h insln=(plsma insln-17.09)/1.4) **

**note rec'd from lab regarding the processing of these
samples

The insulin assay used was the Diagnostic Products Corp (DPC) total immunoreactive insulin assay, performed on plasma samples. The units are microunits/ml. This assay has high cross reactivity with proinsulin and insulin split-products. Most publications report serum insulin levels; we therefore calibrated results to serum levels using a regression equation developed using plasma and serum from normal glucose tolerant control volunteers. Using this equation, some low plasma values gave negative serum levels. These were all set to 1 uU/ml, the lower limit of sensitivity of the assay. Insulin values are log-normally distributed; they should be log(e) transformed for statistical manipulation.