



**THE GEORGES DEBLED MD.
RESEARCH FOUNDATION**

The total "pool" of androgens measures the daily production of androgens

Androgens in serum

Total testosterone
Free testosterone
Dihydrotestosterone
Androstenediol glucuronide

DHEA
DHEA Sulfate
 Δ 4-Androstenedione

Metabolites in urines over 24 hours

Total 17ketosteroids/24 hours
Androstenediol glucuronide/24 hours
Chromatography (complete) of 17 ketosteroids
Androsterone/24 hours
Etiocholanolone/24 hours
DHEA/24 hours
11-oxo-androsterone/24 hours
11-oxo.etiocholanolone/24 hours
11-hydroxiandrosterone/24 hours
11-hydroxietiocholanolone/24 hours
Pregnandiol/24 hours
Pregnantriol/24hours

Complementary tests

In serum

LH
FSH
TSH
estradiol
IGF1

Complete hematology
glucose
urea
bilirubin direct and indirect
Cholesterol total
Cholesterol HDL
Cholesterol LDL
PSA total
PSA free
Total proteins

In urines over 24 hours

cortisol
creatinine