



**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 Phenolsteroids	
Complementary tests	
In serum	
LH FSH TSH estradiol IGF1	Complete hematology glucose urea bilirubin direct and indirect Cholesterol total Cholesterol HDL Cholesterol LDL Total proteins
In urines over 24 hours	
cortisol creatinine	