

BIOMARKER COMPARISON CHART

PROGESTERONE METABOLITES	DUTCH Sex Hormones	DUTCH Adrenal	DUTCH Complete™
b-Pregnanediol	★		★
a-Pregnanediol	★		★

ANDROGEN METABOLITES

DHEA-S	★	★	★
Androsterone	★		★
Etiocholanolone	★		★
Testosterone	★		★
5a-DHT	★		★
5a-Androstanediol	★		★
5b-Androstanediol	★		★
Epi-Testosterone	★		★

ESTROGEN METABOLITES

Estrone (E1)	★		★
Estradiol (E2)	★		★
Estriol (E3)	★		★
2-Hydroxyestrone (2-OH-E1)	★		★
4-Hydroxyestrone (4-OH-E1)	★		★
16-Hydroxyestrone (16-OH-E1)	★		★
2-Methoxyestrone (2-Methoxy-E1)	★		★
2-Methoxyestradiol (2-Methoxy-E2)	★		★
2-Hydroxyestradiol (2-OH-E2)	★		★
4-Hydroxyestradiol (4-OH-E2)	★		★
Nine (9) targeted estrogen and progesterone measurements taken throughout the cycle to characterize the follicular, ovulatory and luteal phases.			

CORTISOL AND CORTISONE

Cortisol Awakening Response (CAR)			
Diurnal Pattern of Free Cortisol		★	★
Diurnal Pattern of Free Cortisone		★	★
Optional Insomnia Sample			
a-Tetrahydrocortisol (a-THF)		★	★
b-Tetrahydrocortisol (b-THF)		★	★
b-Tetrahydrocortisone (b-THE)		★	★
Metabolized Cortisol (THF+THE)		★	★

DUTCH OATS

Organic Acids (HVA, VMA, KYNA, MMA, Xanthurenate, Pyroglutamate)			★
8-OHdG (8-Hydroxy-2-deoxyguanosine)			★
Melatonin (6-OH-Melatonin-Sulfate)			★

