

DUTCH Sex
HormonesDUTCH
AdrenalDUTCH
Complete™Cortisol
Awakening
ResponseDUTCH
Plus™DUTCH
Cycle
Mapping™DUTCH Cycle
Mapping™
+ DUTCH
Complete™**PROGESTERONE METABOLITES**

b-Pregnanediol	•		•		•		•
a-Pregnanediol	•		•		•		•

ANDROGEN METABOLITES

DHEA-S	•	•	•		•		•
Androsterone	•		•		•		•
Etiocholanolone	•		•		•		•
Testosterone	•		•		•		•
5a-DHT	•		•		•		•
5a-Androstenediol	•		•		•		•
5b-Androstenediol	•		•		•		•
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 CORTISONESaliva Collection*
Saliva Collection*

Cortisol Awakening Response (CAR)				•*	•*		
Diurnal Pattern of Free Cortisol		•	•	•*	•*		•
Diurnal Pattern of Free Cortisone		•	•	•*	•*		•
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)			•		•		•