Serum	1/20/2000	4/27/2001	9/25/2001	11/27/2001	5/1/2002	10/28/2002	5/1/2006	3/16/2007	5/17/2007	6/21/2007	8/13/2007
tsh	1.31		1.2		2.2	1.9	3.28	2.42		1.8	1.781
	.35-5.60		.4-6.4		.4-6.4	.3-4	.27-4.2	.27-4.2 uIU/mL		.4-4.80 uIU/mL	.350-5.500 uIU/mL
T-4			12								
			5.2-13.0								
T-3											
FTI			3.3				1.34		1.33		
			1.7-3.1				.8-1.79		.8-1.79 ng/dL		
T-uptake			27.8								
			22.0-39.0								
THYGAb				0.3							
A-TPO				<.5							
				0-2							
Estrogens		71			48						
		40.0-115.0									
estrone			46								
estradiol			25								
free testosterone				0.9	<.2						
				11.0-25.0	11.0-25.0						
total testosterone				18	23						
				241.0-827.0	241-827						
fsh mono					64.3						
					1.0-102.0						
lsh					32.8						
					.1-42.0						
SHBG											
Progesterone											
Aldosterone											
Cortisol				13.7							
				4.2-22.4							
estradiol mass spect											
parathyroid											

Serum	5/20/2008	20090116	8/12/2009	8/28/2009	07/06/10	12/21/10	03/22/11	7/2/2012	7/26/2013
tsh	1.56	2.35	1.1	1.61		3.4			
	.4-4.8 uIU/mL	.4-4.8 uIU/mL	.3-5.1 UIU/ML	.4-4.8 uIU/mL					
T-4						8.1			
						4.2-13.0ug/dl			
T-3									
FTI			1.35			1.19			
			.73-1.95 NG/DL			.89-1.76			
T-uptake		2.35							
		.4-4.8 uIU/mL							
THYGAb			<20.0						
			<40						
A-TPO									
Estrogens									
estrone									
estradiol								17	
								19-357pg/mL	
free testosterone					0.3		1.1		
					.8-1.4		1.1-6.3pg/ml		
total testosterone					15		18		
					10-55ng/dl		10-55ng/dl		
fsh mono									
lsh									
SHBG					171		115		
					40-120nmol/l		40-120 nmol/L		
Progesterone					<10		25	3.3	
					10-135 ng/dl		10-135ng/dl	ng/mL	
Aldosterone					3.1				
					7-30ng/dl				
Cortisol					11			15.2	
					8-19 ug/dl			4-22mcg/dL	
estradiol mass spect					5				
					30-100pg/ml				
parathyroid									57
									10-65 pg/mL