

CDC Newborn Screening Quality Assurance Program - Anogen's nTSH Results Since 2005 neonatal Thyroid -Stimulating Hormone (nTSH)

Correlation of Anogen inputed value with mean value from all participating labs: **R= 0.99258**

	Specimen	CDC statistics based on all participating labs and all methods (Lab code 660) inputed value			Anogen $\mu\text{IU/ml}$
		UL95% ($\mu\text{IU/ml}$)	Mean ($\mu\text{IU/ml}$)	LL95% ($\mu\text{IU/ml}$)	
Year 2005					
1st quarter	1511	76.7	55.7	34.7	57.6
	1512	51.1	38.8	26.4	35.6
	1513	107.1	81.1	55.1	70.2
	1514	12.9	8.5	4	8.6
	1515	9	5.9	2.8	6.1
2nd quarte	2511	114.4	92	69.6	87.4
	2512	8.7	5.8	2.9	4.2
	2513	16	10.9	5.7	9
	2514	105.3	79.6	53.9	76.5
	2515	14.8	10.5	6.2	9
3rd quarter	3511	11.9	7.8	3.6	7.7
	3512	8.4	5.7	2.4	4.8
	3513	110.4	84.1	57.7	75.2
	3514	14.6	10.6	6.5	9.1
	3515	113.1	90.1	67.1	80.4
4th quarter	4511	15.3	10.9	6.5	10
	4512	8.7	5.8	2.9	5.1
	4513	117.5	93.1	68.8	82
	4514	15.9	10.6	5.4	8.9
	4515	33.9	25.1	16.3	23.2
Year 2006					
1st quarter	1611	11.8	8.5	5.3	9.5
	1612	11	7.5	4.1	8.1
	1613	14.8	10.3	5.9	9.1
	1614	112.4	88.3	64.2	96.9
	1615	76.4	55	33.7	70.7
2nd quarte	2611	15.5	11.1	6.7	11.3
	2612	15.3	10.6	6	11.9
	2613	12.2	8.4	4.6	8.4
	2614	109.8	83.6	57.4	83.1
	2615	115.6	88	60.4	84
3rd quarter	3611	114.3	91.4	68.5	89.5
	3612	109.4	87.8	66.2	81.7
	3613	14.9	10.3	5.6	9.1

	3614	14.5	9.7	5	9.9
	3615	106.9	85	63.1	80.8
4th quarter	4611	14.9	9.8	4.7	11.2
	4612	104.2	83.6	63	79.4
	4613	16.1	11.3	6.4	10.9
	4614	114.1	91.2	68.3	83.6
	4615	16.6	10.9	5.1	9.8
Year 2007					
1st quarter	1711	14.7	10.9	7.2	10.1
	1712	109.3	90.7	72	85.2
	1713	101.6	82.8	64	80.5
	1714	14.7	10.7	6.7	8.8
	1715	14.6	10.5	6.5	8.8
2nd quarte	2711	15.5	10.7	5.9	10
	2712	16.6	11.8	7	11
	2713	13.5	9.7	5.9	8.5
	2714	110.6	91.8	73	100
	2715	102.3	84.5	66.7	90
3rd quarter	3711	13.5	9.3	5.1	8.7
	3712	15.4	11	6.6	9.5
	3713	95.4	75.2	55	75.9
	3714	116.2	94.8	73.4	85
	3715	15	10.1	5.2	10
4th quarter	4711	15.4	11.1	6.8	8
	4712	98.6	82	65.5	92
	4713	99.4	83.3	67.2	88
	4714	14.4	9.9	5.4	9.3
	4715	101.2	81.7	62.3	82
Year 2008					
1st quarter	1811	104.5	86.8	69.2	91.4
	1812	12.6	9.3	6	7.9
	1813	12.8	9.3	5.7	7.8
	1814	110.3	91.9	73.5	96.8
	1815	14.8	10.9	7	9.7
2nd quarter	UDOT proficiency test				
3rd quarter	3811	119.4	99	78.6	104
	3812	97.9	77	56.1	73
	3813	13.7	9.8	6	7.5
	3814	14.1	10.1	6.1	8
	3815	14.7	10.2	5.6	8
4th quarter	4811	15.7	11.2	6.6	12.8
	4812	14.5	10.2	5.8	10
	4813	16.2	11.3	6.3	10.6

4814	108.3	83.6	59	96.6
4815	14.1	10.1	6.2	9.6

Year 2009

1st quarter

1911	112.8	92.4	72.1	99
1912	15.7	10.1	4.5	6.2
1913	109.8	87.9	66.1	90
1914	15.6	11.3	7	11.5
1915	16	10.8	5.6	7.5

2nd quarter

UDOT proficiency test