

Assay Performance Data

Naam assay:		Calcitonine in serum																																																																																																											
Traceerbaarheid:																																																																																																													
Gekalibreerd naar	IRP WHO reference standard 89/620																																																																																																												
Referentie-interval of afkappingrenzen		(ng/l)																																																																																																											
Herkomst referentiewaarden	< 0.5 (bij totale afwezigheid van schildklierweefsel) Voor overige referentiewaarden zie referentie tabel <table><tr><th colspan="4">Calcitonin values (ng/L)</th></tr><tr><th rowspan="2">leeftijd</th><th colspan="3">Bovengrens normaal</th></tr><tr><th></th><th>Jongens</th><th>Meisjes</th></tr><tr><td>3 mo</td><td>▲</td><td>34.8</td><td>28.5</td></tr><tr><td>6 mo</td><td>▲</td><td>30.9</td><td>26.2</td></tr><tr><td>9 mo</td><td>▲</td><td>27.5</td><td>24.1</td></tr><tr><td>12 mo</td><td>▲</td><td>24.6</td><td>22.3</td></tr><tr><td>18 mo</td><td>▲</td><td>20.1</td><td>19.1</td></tr><tr><td>2 y</td><td>▲</td><td>17</td><td>16.5</td></tr><tr><td>3 y</td><td>▲</td><td>13.5</td><td>13</td></tr><tr><td>4 y</td><td>▲</td><td>12.1</td><td>10.9</td></tr><tr><td>5 y</td><td>▲</td><td>11.7</td><td>9.7</td></tr><tr><td>6 y</td><td>▲</td><td>11.6</td><td>9</td></tr><tr><td>7 y</td><td>▲</td><td>11.6</td><td>8.6</td></tr><tr><td>8 y</td><td>▲</td><td>11.5</td><td>8.2</td></tr><tr><td>9 y</td><td>▲</td><td>11.5</td><td>7.8</td></tr><tr><td>10 y</td><td>▲</td><td>10.8</td><td>7.2</td></tr><tr><td>11 y</td><td>▲</td><td>9.9</td><td>6.4</td></tr><tr><td>12 y</td><td>▲</td><td>8.7</td><td>5.7</td></tr><tr><td>13 y</td><td>▲</td><td>7.4</td><td>5.1</td></tr><tr><td>14 y</td><td>▲</td><td>6.5</td><td>4.7</td></tr><tr><td>15 y</td><td>▲</td><td>5.9</td><td>4.5</td></tr><tr><td>16 y</td><td>▲</td><td>5.8</td><td>4.4</td></tr><tr><td>17 y</td><td>▲</td><td>6.2</td><td>4.5</td></tr><tr><td>18 y</td><td>▲</td><td>6.8</td><td>4.7</td></tr><tr><td colspan="4">Castagna et al 2018 CCLM</td></tr><tr><td colspan="4">Roche</td></tr></table> Bron: CCLM 2018		Calcitonin values (ng/L)				leeftijd	Bovengrens normaal				Jongens	Meisjes	3 mo	▲	34.8	28.5	6 mo	▲	30.9	26.2	9 mo	▲	27.5	24.1	12 mo	▲	24.6	22.3	18 mo	▲	20.1	19.1	2 y	▲	17	16.5	3 y	▲	13.5	13	4 y	▲	12.1	10.9	5 y	▲	11.7	9.7	6 y	▲	11.6	9	7 y	▲	11.6	8.6	8 y	▲	11.5	8.2	9 y	▲	11.5	7.8	10 y	▲	10.8	7.2	11 y	▲	9.9	6.4	12 y	▲	8.7	5.7	13 y	▲	7.4	5.1	14 y	▲	6.5	4.7	15 y	▲	5.9	4.5	16 y	▲	5.8	4.4	17 y	▲	6.2	4.5	18 y	▲	6.8	4.7	Castagna et al 2018 CCLM				Roche			
Calcitonin values (ng/L)																																																																																																													
leeftijd	Bovengrens normaal																																																																																																												
		Jongens	Meisjes																																																																																																										
3 mo	▲	34.8	28.5																																																																																																										
6 mo	▲	30.9	26.2																																																																																																										
9 mo	▲	27.5	24.1																																																																																																										
12 mo	▲	24.6	22.3																																																																																																										
18 mo	▲	20.1	19.1																																																																																																										
2 y	▲	17	16.5																																																																																																										
3 y	▲	13.5	13																																																																																																										
4 y	▲	12.1	10.9																																																																																																										
5 y	▲	11.7	9.7																																																																																																										
6 y	▲	11.6	9																																																																																																										
7 y	▲	11.6	8.6																																																																																																										
8 y	▲	11.5	8.2																																																																																																										
9 y	▲	11.5	7.8																																																																																																										
10 y	▲	10.8	7.2																																																																																																										
11 y	▲	9.9	6.4																																																																																																										
12 y	▲	8.7	5.7																																																																																																										
13 y	▲	7.4	5.1																																																																																																										
14 y	▲	6.5	4.7																																																																																																										
15 y	▲	5.9	4.5																																																																																																										
16 y	▲	5.8	4.4																																																																																																										
17 y	▲	6.2	4.5																																																																																																										
18 y	▲	6.8	4.7																																																																																																										
Castagna et al 2018 CCLM																																																																																																													
Roche																																																																																																													
Stabiliteit monster																																																																																																													
Kamertemperatuur 4 °C -20 °C	Ja/ Nee ,termijn serum 4 uur Ja/ Nee ,termijn serum 1 dag Ja/ Nee ,termijn serum 24 maanden Bron: Meest recente bijsluiter Roche																																																																																																												
Detectielimieten		(ng/l)																																																																																																											
LoD (Limit of Detection) LoQ (Limit of Quantitation)	0.5 1.0																																																																																																												

Imprecisie		(ng/l)
Concentratie (9.6)	CV (%):2.1	
Concentratie (84.8)	CV (%):3.0	
Meetbereik		(ng/l)
Meetbereik	Loopt van concentratie 0,5 tot 2000.	
	Eventueel: Verdunnen mogelijk.	
	Uitslagen < 0,5	
Extern QC programma		
(Inter)nationaal extern QC programma	RfB(TM)	
Indien niet beschikbaar, alternatieve aanpak	n.v.t.	

Ingevuld door: EH	Datum: 14-07-2026
-------------------	-------------------