

TEST NAME: Lyme CD57 + Cells

Analysis	Result	Units	Reference Range	Chart
Haematology *				
5 Blood count *				
5 Leucocytes *	4,87	Tsd./ul	3,90 - 9,80	[.*.....]
5 Erythrocytes *	5,79	Mill./ul	4,54 - 5,77	[..... *>
5 Hemoglobin *	17,2	g/dl	13,5 - 17,5	[.....*]
5 Hematocrit *	50,80	%	40,00 - 51,00	[.....*]
5 MCV *	87,70	f1	80,00 - 96,00	[...*....]
5 MCH *	29,70	pg	28,00 - 33,00	[..*.....]
5 MCHC *	33,90	g/dl	33,00 - 37,00	[.*.....]
5 Thrombocytes *	226,00	Tsd./ul	146,00 - 328,00	[...*....]
5 Differential Blood count *				
5 Neutroph. Granulocytes *	70,70	%	40,00 - 75,00	[.....*]
5 Lymphocytes *	22,20	%	17,00 - 47,00	[.*.....]
5 Monocytes *	5,50	%	4,00 - 12,00	[.*.....]
5 Eosin. Granulocytes *	1,00	%	< 7,00	[.*.....]
5 Basoph. Granulocytes *	0,60	%	< 2,00	[..*.....]
CD3-/CD57+ Cells				
5 CD3-/CD56+ Flow Cytometry				
5 T cells CD3+ (%)	70,63	%	59,70 - 82,00	[...*....]
5 T cells CD3+ (absolute)	764	/ul	900 - 2600	<*]
5 NK cells CD56+ CD3- (%)	6,90	%	5,40 - 30,90	[*.....]
5 NK cells CD56+ CD3- (absolute)-	75	/ul	77 - 427	<*]
5 CD57+ NK-cells (%)	31,30	%	2,00 - 77,00	[...*....]
5 CD57+ NK-cells (absolute)	23	/ul	100 - 360	<*]

The result of the CD57-cell count indicates chronic immune-suppression, which can be caused by Borrelia burgdorferi or other bacteria like Chlamydia pneumoniae or Mycoplasma pneumoniae.

Low absolute numbers of the CD56 NK cells can be sign of chronic virus infections, cellular immune deficiency, rheumatoid arthritis, smoking, body stress, low calorie diet.



PATIENT: **Sample Report**

TEST REF: **TST-NL-XXXXX**

TEST NUMBER: T-NL-XXXXXX

COLLECTED: xx/xx/xxxx

PRACTITIONER:

GENDER: Gender

RECEIVED: xx/xx/xxxx

Nordic Laboratories

AGE: xx

TESTED: xx/xx/xxxx

Nygade 6, 3. sal, København K, Denmark

TEST NAME: Lyme CD57 + Cells

Analysis	Result	Units	Reference Range	Chart
----------	--------	-------	-----------------	-------

Low absolute numbers of the CD3+T-cells can be sign of chronic virus infections, cellular immune deficiency, immunosuppressive therapies (corticosteroids), autoimmune disorders, kidney insufficiency.

We recommend (if not already done):

EBV-EliSpot, CMV-EliSpot, HSV 1/2-EliSpot, VZV-EliSpot, HHV6-EliSpot, HHV7-EliSpot, Coxsackie-Virus-IgG/IgA- and Echo-Virus-IgG/IgA-antibodies.