

Characteristics

Programme name	BL
Survey frequency	4 times per year
Sample identification	LY1
Number of samples per survey	1
Type of sample	Plasma or serum, liquid
Assessment	Qualitative
1 st survey organised in:	2011
Number of participants (2017)	90

Description

- This programme is organised with the expertise of the National Reference Centre for diseases transmitted by the ticks (CNRT).
- An anamnesis simulating a real case as well as a questionnaire are sent with the sample.
- After the antibodies detection, the laboratory fills out the questionnaire indicating the obtained values and its final conclusion on which the evaluation is based.
- The laboratory has the possibility to give its interpretation, its recommendations and the additional testing requested for an appropriate patient follow up.
- The confirmation test results can also be given. Although these results won't be used for the evaluation, they are reviewed and discussed by the Expert.

Assessed parameters

CSCQ code	Name	Abbreviation	OPAS ¹ code	QUALAB ² tolerance	CSCQ tolerance	Example of result	Unit
350	M-Lyme-Borreliosis, IgG antibodies	M-Lyme-IgG	3374.00 3376.00	--	correct	positive	3
351	M-Lyme-Borreliosis, IgM antibodies	M-Lyme-IgM	3375.00 3377.00	--	correct	negative	3
352	M-Lyme-Borreliosis, Ig, total antibodies	M-LymIgTot	3374.00 3376.00	--	correct	positive	3
353	M-Lyme-Borreliosis, VlsE IgG antibodies	M-LyVlsE-G	--	--	correct	equivocal	3

¹ OPAS: Swiss Federal Social Insurance Office

² QUALAB: Swiss Authority that supervises the quality assurance in the medical laboratory

³ Depending on the test used, there are different units: UI/mL, AU/mL, RU/mL, Titer, Index, OD.

Storage, stability and pre-analytical

- The liquid material must be stored in the refrigerator (+ 2 to + 6°C).
- The control sample is stable until the expiry date indicated on the label.
- The analysis must be performed as soon as possible after reception of the control sample and the results have to be sent to the CSCQ before the date printed on the results form (2 weeks after the shipping date, unless exception).
- Let the probe warm up at room temperature (+ 20 to + 25°C) for about 30 minutes before performing the analysis.
- Just before performing the analysis, homogenise the sample by inversion or with a tube-roller, without shaking to avoid foam development.

Control sample

Every biological material must be handled with safety precautions established for infectious material.

Units

This survey is based on the evaluation of qualitative results. To improve the results analysis, it's important to indicate also your numeric results, the units used in your laboratory, and the threshold value of your test.

P e r s o n a l n o t e s
