

EndoLISA® User Applications



For **EndoLISA®** product information please contact Hyglos GmbH or visit www.hyglos.de

@ info@hyglos.de

☎ +49 8158 9060 0

✉ Am Neuland 3, 82347 Bernried, Germany

- ★ valid spike recovery
- no information yet
- invalid spike recovery
- * information from the user

as of 1 August 2015

Sample	Dilution	EndoLISA®	LAL Test	Reference
Bacteriophage (0.9% NaCl, pH 7)	1:1000	★	•	*
Bovine Serum Albumin (BSA; 50 mg/ml in water)	Undiluted / 1:10 1:100	★ / ★ ★	- / - ★	*
<i>Brucella abortus</i> antigen	1:100	★	•	*
Buffer (48.5% MeOH, 44% EtOH, 7.5% H ₂ O)	1:5	★	•	*
CFP-10 (50 mM NaHPO ₄ , 200 mM NaCl, pH 8)	-	★	•	Dhanasooraj <i>et al.</i> , 2013
Cholesteryl hemisuccinate	1:25	★	•	*
Clay samples in water (100 mg/ml)	1:100	★	•	*
Dialysate fluid	-	★	•	*
Factor VIII from human Plasma	EndoLISA® 1:20 / LAL 1:40	★ / ★	- / ★	*
Fucosylated protein (15 mg/ml; PBS, pH 7.0)	1:100 / 1:1000	★ / ★	- / ★	*
20 Environmental water samples (filtered; rivers, lakes, tap water etc.)	-	20	3 / 17	Reich <i>et al.</i> 2015
Glycerophosphate	EndoLISA® 1:10	★	-	*
Hay dust suspension	-	★	•	Toussaint <i>et al.</i> , 2015

EndoLISA® User Applications

Sample	Dilution	EndoLISA®	LAL Test	Reference
Herbal dry extract powder (20 mg/ml; 50% EtOH (v/v))	1:20, 1:200 and 1:2000	★	•	*
Human Serum Albumin, native (HSA; 25%)	1:20 / 1:60	★ / ★	- / ★	*
Human Serum Albumin, recombinant (HSA 50 mg/ml in water)	Undiluted / 1:10 1:100	★ / ★ ★	- / - ★	*
Laminin (0.1 mg/ml; PBS, 10% Glycerol, 0.02 % NaN ₃)	1:2	★	•	*
Membrane protein (detergents and sarcosyl)	1:100/1:1000	★ / ★	- / -	*
Metalloprotease (50 mM HEPES, 1M NaCl, 2 mM CaCl ₂ , pH 8.2)	Undiluted/1:5	★ / ★	- / -	*
Metal working fluid	EndoLISA: almost independent from preparation LAL: depending on preparation	★ / ★	- / ★	*
Mitogen-activated protein 1 (MAP-1; 0.9 % NaCl, 1 mM CaCl ₂)	1:10/1:1000 (2/5 samples could not be measured with LAL)	★ / ★	- / ★	*
Monoclonal antibody (10 mg/ml)	1:10 / 1:100	★ / ★	- / ★	*
Monoclonal antibody (49 mg/ml)	1:100	★	★	*
Ocrlplasmin (5mM citric acid pH 3.1, 6% Mannitol)	1:5 with benzamidine, treatment, 1:10 w/o treatment	★ / ★	•	*
Peanut oil	1:100 / 1:1000	★ / ★	- / ★	*
Potassium-containing preparation	1:20	★	-	*
Protein (120 mg/ml; Propylene glycol, borate)	1:100000	★	-	*
Protein (0.1 mg/ml; DPBS, Glycerol, pH 7.2)	1:10	★	•	*

EndoLISA® User Applications

Sample	Dilution	EndoLISA®	LAL Test	Reference
Protein, recombinant (1 mg/ml; 20mM Tris-HCl, 0.2µM CaCl ₂)	1:10	★	•	*
Protein slurry, recombinant (350 mM arginine phosphate, pH 7.5)	1:20	★	-	*
Protein, recombinant (30 mM citrate)	1:100	★	-	*
Proteoliposomes (PBS, detergents)	1:10	★	-	*
Mammary Serum Amyloid A3 Protein, recombinant (M-SAA3)	-	★ / ★	•	Domenèch Guitart, 2013
Rifampicin (5 mg/ml)	Undiluted / 1:10	★ / ★	- / ★	*
S100A12	-	★	★	Foell <i>et al.</i> , 2013
Surface-retained organic matter	-	★	•	Miura <i>et al.</i> , 2013
Vaccines (Detergents, Glucans, organic solvents, proteolytic enzymes, high salt)	Undiluted / 1:10 1:100 / 1:1000	★ / ★ ★ / ★	- / - - / ★	*