

Trichinella spiralis recombinant excretory-secretory protein (TES antigen)

Product information

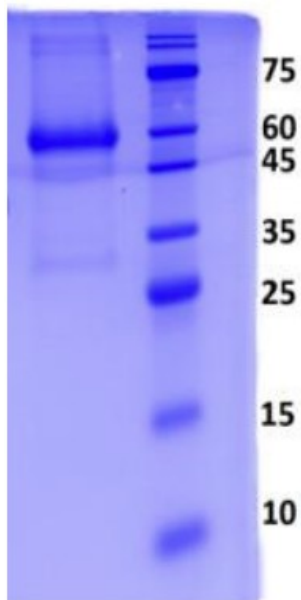
Catalogue #	LT-AG TSP-01
Product name	Trichinella spiralis recombinant excretory-secretory protein (TES antigen)
Source	from recombinant E. coli strain
Specificity	React specifically with human and animal sera infected by Trichinella spiralis
Molecular weight	47.5 kDa
Theoretical pI	8.8
Purification tag	6xHis
Unit	1 mg, 5 mg, 10 mg
Concentration	Lot dependent
Purification	Chromatography
Buffer	2 M Urea, 0.05 M Tris-HCl, 0.5 M NaCl, pH 8.0
Stabilizer	none
Preservative	none
Application	ELISA, Lateral Flow
Sterility	Not sterile
Long Term Storage	+4 °C
Material Safety note	This product is sold as an antigen preparation for research use only. Standard Laboratory Practices should be followed when handling this material.

Validation data

Each lot of TES Antigen has been validated according to OIE and/or EU requirements by iELISA, using Reference serum samples (N4), provided by ISTITUTO SUPERIORE DI SANITA' Dipartimento di Malattie Infettive (Spain), at dilution 1/20.

Name	iELISA (A450)	Results	Evaluation
Scp+ 114	0.59±0.012	Positive	Confirm
Scp+ 115	0.69±0.011	Positive	Confirm
Scp+ 116	0.55±0.033	Positive	Confirm
Scp+ 119	0.48±0.015	Positive	Confirm
NPS 1	0.27±0.038	Negative	Confirm
NPS 2	0.16±0.024	Negative	Confirm
NPS 3	0.26±0.025	Negative	Confirm
NPS 4	0.15±0.051	Negative	Confirm

SDS-PAGE



Coomassie stained TES antigen preparation after resolution in 12% PAGE at 35 mA 1h

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