

## Datasheet

<b>Catalogue #</b>	LT-AG Bru abortus-01
<b>Product name</b>	<i>Brucella abortus</i> native LPS antigen
<b>Source</b>	from <i>Brucella melitensis</i> biovar <i>Abortus</i> native isolate
<b>Specificity</b>	React specifically with human and animal sera infected by <i>Brucella melitensis</i> biovar <i>Abortus</i>
<b>Molecular weight</b>	Not estimated
<b>Theoretical pI</b>	Not estimated
<b>Purification tag</b>	Not applicable
<b>Unit</b>	10 mg, 50 mg, 100 mg
<b>Concentration</b>	Lot dependent
<b>Purification</b>	Chemical and enzymatic extraction
<b>Buffer</b>	PBS
<b>Stabilizer</b>	none
<b>Preservative</b>	none
<b>Application</b>	ELISA, Lateral Flow
<b>Sterility</b>	Filter sterilized
<b>Long Term Storage</b>	Lyophilized
<b>Material Safety note</b>	This product is sold as an antigen preparation for research use only. Standard Laboratory Practices should be followed when handling this material.
<b>Validation data:</b>	

Each lot of Native LPS Antigen has been validated according to OIE and/or EU requirements by iELISA, using Bovine Brucellosis French National Positive Standard Serum Panel for RBT, CFT, SAT, ELISAs (ANSES) at dilution 1/20.

SDS-PAGE:



Silver stained LPS antigen preparation after resolution in 15% PAGE at 35 mA 1h

Name	iELISA (A <sub>450</sub> )	Results	Evaluation
SR01	0,252±0,004	Negative	Confirm
SR02	0,208±0,019	Negative	Confirm
SR03	0,199±0,004	Negative	Confirm
SR04	0,217±0,027	Negative	Confirm
SR05	0,274±0,038	Negative	Confirm
SR06	0,477±0,024	Positive	Confirm
SR07	0,391±0,124	Positive	Confirm
SR08	0,358±0,051	Positive	Confirm
SR09	0,412±0,031	Positive	Confirm
SR10	0,571±0,033	Positive	Confirm
SR11	0,459±0,049	Positive	Confirm
SR12	0,370±0,116	Positive	Confirm