

Efficient anticoagulant testing worldwide



## **Intrinsin LS & LR** APTT Reagents

APTT reagent is a super sensitive Lupus Anticoagulant (LA) screening (Intrinsin-LS or "screen") and resistant (Intrinsin-LR or "confirm") reagent pair.



## Intrinsin LS & LR - APTT Reagents

A highly sensitive silicate-based Lupus Anticoagulant (LA) sensitive (Intrinsin-LS or “screen”) and resistant (Intrinsin-LR or “confirm”) reagent pair.

The activated partial thromboplastin (APTT) test can be used to detect factor deficiencies, monitor anticoagulants such as heparin and anti-thrombin agents, to assess resistance to activated protein C and detect antibodies against clotting factors in mixing tests. It can also be used to detect lupus inhibitors which interfere with the low, rate-limiting level of phospholipid in the Intrinsin-LS reagent. Intrinsin-LR contains excess phospholipid and is therefore more resistant to these agents.

### Intrinsin-LS / screen

- Super sensitive to LA
- Heparin insensitive (if used with HRRS)
- Colloidal silicate as contact activator
- Ready to use (no reconstitution needed)
- Stability: 2 years at 2-8°C

### Intrinsin-LR / confirm

- Resistant to LA
- Highly sensitive to heparin
- Reliable factor assay results
- Colloidal silicate as contact activator
- Ready to use (no reconstitution needed)
- Stability: 2 years at 2-8°C

Abnormality	Intrinsin-LS		Intrinsin-LR	
	neat	1:1 mix	neat	1:1 mix
Nil (normal)	N	N	N	N
Factor deficiency	Abn	N	Abn	N
LA	Abn	Abn	N	N
LA + defect	Abn	Abn	Abn	N
Heparin	N	N	Abn	Abn

PRODUCT	REF	SIZE	STATUS
Intrinsin-LS	X9801	5x10ml	RUO
Intrinsin-LR	X9811	5x10ml	RUO

### REFERENCES:

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2. CLSI. One-stage prothrombin time (PT) test and activated partial thromboplastin time (APTT) test; Approved guideline - Second edition. CLSI document H47-A2. Wayne, PA, USA: Clinical and Laboratory Standards Institute; 2008.
3. Brancaccio V, Ames PR, Glynn J, et al. A rapid screen for lupus anticoagulant with good discrimination from oral anticoagulants, congenital factor deficiency and heparin is provided by a comparing a sensitive and insensitive APTT reagent. Blood Coag. Fibrinolys.1997; 8; 155-60.
4. Jacobsen EM, Barna-Cler L, Taylor JM, et al. The lupus ratio test - an interlaboratory study on the detection of Lupus Anticoagulants by an APTT-based, integrated and semi-quantitative test. Thromb. Haemost. 2000; 83; 704-8.
5. Smyth MA, Koerber JM, Westley SJ et al. Use of the activated partial thromboplastin time for heparin monitoring. Am J Clin Pathol. 2001;115; 148-155.
6. Pengo V, Tripodi A, Reber G, et al. Update of the guidelines for lupus anticoagulant detection. Thromb Haemost. 2009;7;1737-40.



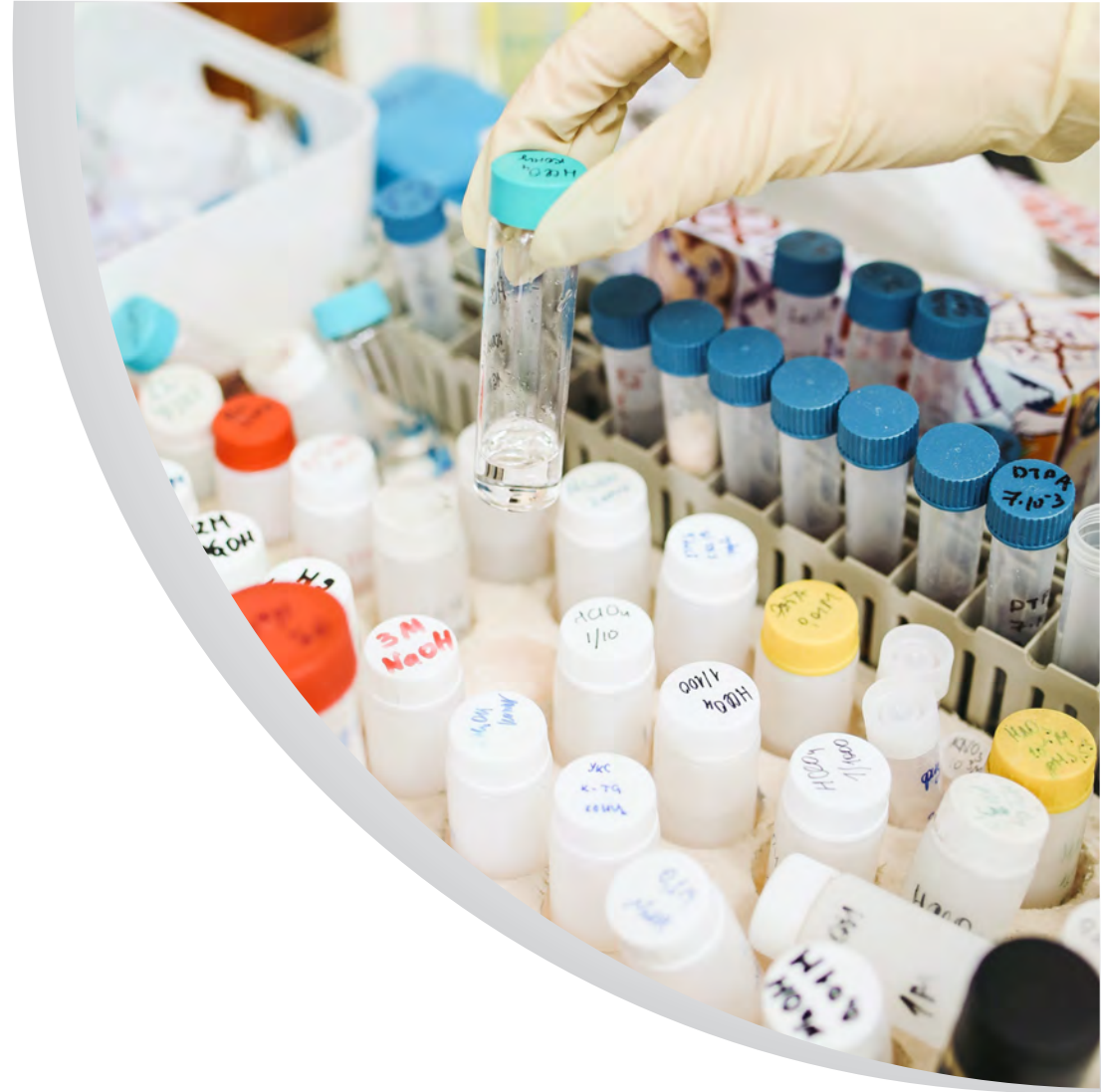
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Dr Thomas Exner founded Haematex in 2004, his motivation was to increase coagulation lab efficiency by improving and innovating diagnostic reagents. Haematex products are designed, manufactured and distributed under the highest standard of quality and safety.

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**“Thrombosis and haemorrhage affect many clinical decisions, their control can impact treatment outcomes and indeed - life itself.”**

- Dr Thomas Exner



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