



## Erybank® Anti-H Lectin

### Reagent for H antigen determination and subgrouping by slide and tube test

Intended Use: \_\_\_\_\_

Erybank® Anti-H Lectin, *Ulex europaeus* lectin reagent used for recognition of the H antigen on human red blood cells. It is useful, especially for assessing the H secretor status of group 'O' individuals and also in differential grouping of A<sub>int</sub> subgroup along with Anti-A<sub>1</sub> lectin.

Erybank® Anti-H Lectin Kit components:

Erybank® Anti-H Lectin	Ready to use purified lectin extract of <i>Ulex europaeus</i> seeds
Other Accessories	Package Insert

Performance Characteristics:

Titre: ~ 1:16 with O group cells	Specificity: Negative reacting with 'O <sub>h</sub> ' phenotype
Reactivity: Graded reactivity with different red cells, O>A <sub>2</sub> >A <sub>2</sub> B>B>A <sub>1</sub> >A <sub>1</sub> B	Standardization: Follows AABB and FDA guidelines

BENCHMARKS	TULIP SOLUTION
Glycoprotein specific to precursor H antigen and H substance	Fractionation of <i>Ulex europaeus</i> extract for H antigen and H substance specific activity
Consistent dose related antigen reactivity on slide and tube test	Optimized titer Calibrated graded reactivity, O>A <sub>2</sub> >A <sub>2</sub> B>B>A <sub>1</sub> >A <sub>1</sub> B cells on slide and tube test
Clear lectin preparation	Lectin purification eliminates lipid induced turbidity Optically clear lectin preparation
Maintenance of optimum pH and ionic strength	Buffer with broad buffer capacity Ensures right conformational fit between antigen and antibody
Protect and preserve antibody activity	Optimum concentration of stabilizers Preserves antibody activity for long term use and storage
Optimized protein concentration	Well balanced to maintain optimal reactive conditions

Storage/Stability	Temperature	Duration
Unopened kit	2-8°C	24 Months
Opened kit	2-8°C	24 Months

Available Pack Sizes	
5 ml	10 ml