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| ERYBANK® | ANTI-H LECTIN |
| Application | For H antigen determination and subgrouping |
| Titre | ~ 1:16 with O group cells |
| Class of Agglutinin | Phytohaemagglutinin |
| Source | Ulex europaeus seed extract |
| Specificity | Negative reacting with 'O _h ' phenotype |
| Reactivity | Reactivity pattern with different red cells, O > A ₂ > A ₂ B > B > A ₁ > A ₁ B |
| Standardisation | Follows AABB and FDA guidelines |
| Storage / Stability | 2-8°C, 24 months |

| Presentation | Pack | Cat.No. |
|-------------------------|-------|----------|
| ANTI - H Lectin reagent | 5 ml | 10210005 |
| | 10 ml | 10210010 |



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_{int} subgroup along with Anti-A₁ 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 _n ' phenotype |
| Reactivity: Graded reactivity with different red cells, O>A ₂ >A ₂ B>B>A ₁ >A ₁ 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 ₂ >A ₂ B>B>A ₁ >A ₁ 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 |