

Anti-Aprotinin
Mouse monoclonal antibody, biotinylated
ABS 037-18 B

Subclass: IgG1/k

Clone: 18

PRODUCT NO.

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| SPECIFICITY | ABS 037-18 binds bovine aprotinin immobilized on a solid phase or free in solution. |
| IMMUNOGEN | Aprotinin from bovine lung |
| TESTED APPLICATIONS | ELISA |
| SPECIES REACTIVITY (POSITIVE) | Bovine |
| SPECIES REACTIVITY (NEGATIVE) | Not determined |
| EPITOPE SPECIFICITY | The epitope of ABS 037-18 is different from the epitopes of ABS 037-21 and ABS 037-35 |

PRESENTATION

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| Content: | 150 µL, 1 mg/mL +/- 15%. See Certificate of Analysis for details. |
| Preparation: | Biotinylated |
| Form: | Liquid |
| Solvent: | 0.01 M phosphate buffer, pH 7.4, with 0.14 M NaCl and 15 mM sodium azide |
| Storage: | 4-8°C without exposure to light. No precautions necessary during handling. |

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| APPLICATION | ELISA: ABS 037-18 (as biotinylated detection antibody e.g. at 1 µg/mL) forms an antibody pair with ABS 037-21 (as capture antibody) for high-sensitivity sandwich ELISA of aprotinin at sample concentrations of 0.6-20 µg/mL. Aprotinin in urine diluted 1/1000 can be assayed against standards in buffer. For assay in plasma, it is recommended to add aprotinin-free control plasma to the standards to match the plasma sample dilution. |
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| TARGET | Aprotinin, also called bovine pancreatic trypsin inhibitor, is a single chain globular Kunitz-type serine proteinase inhibitor found in bovine pancreas, parotid gland and lung. It forms stable, enzymatically inactive complexes with trypsin, chymotrypsin, plasmin and kallikrein. Aprotinin has been used therapeutically as an antifibrinolytic agent under the name Trasylol (Bayer) to reduce blood loss during cardiopulmonary bypass surgery but this use has been associated with an increased frequency of acute renal injury. |
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REFERENCES

CONDITIONS

Unless otherwise marked, all products are for research use only. Not for use in diagnostic procedures. Not for use in human therapeutic applications. For in vitro use or further manufacture only. The information and product are offered without guarantee as the ultimate conditions of use are beyond our control. The foregoing is in lieu of all warranties, expressed or implied, including implied warranties of merchantability and fitness for a particular purpose. In no event shall BioPorto Diagnostics A/S be responsible for loss of profits or indirect consequential losses resulting from use of its products.