



PRODUCT SPECIFICATION

| | | | | | | | | | |
|----------------------|--|-------------|-------|-------------|-------|-------------|-------|-------------|-------|
| catalog number: | A37251 | | | | | | | | |
| product description: | Human IgA Monoclonal Antibody, Purified | | | | | | | | |
| lot number: | [lot specific] | | | | | | | | |
| immunogen: | Purified human IgA | | | | | | | | |
| source: | Murine ascites | | | | | | | | |
| form: | Liquid | | | | | | | | |
| purification method: | DEAE chromatography | | | | | | | | |
| purity: | >95% by SDS-PAGE and HPLC | | | | | | | | |
| buffer: | 0.015 M potassium phosphate buffer, 0.85% NaCl, pH 7.2 | | | | | | | | |
| preservative: | 0.05% NaN ₃ | | | | | | | | |
| isotype: | IgG ₁ , kappa | | | | | | | | |
| concentration: | [lot specific] mg/mL (based on A ^{1%} _{280nm} = 14.0) | | | | | | | | |
| specificity: | <table><tr><td>▪ human IgA</td><td>100%</td><td>▪ human IgE</td><td>0.01%</td></tr><tr><td>▪ human IgM</td><td>0.01%</td><td>▪ human IgG</td><td>0.00%</td></tr></table> | ▪ human IgA | 100% | ▪ human IgE | 0.01% | ▪ human IgM | 0.01% | ▪ human IgG | 0.00% |
| ▪ human IgA | 100% | ▪ human IgE | 0.01% | | | | | | |
| ▪ human IgM | 0.01% | ▪ human IgG | 0.00% | | | | | | |
| pairing: | This antibody pairs in sandwich EIA with A37254503P or A37253503P. | | | | | | | | |
| storage: | 2-8°C short term (24 months); -20°C long term avoiding multiple freeze thaw cycles. | | | | | | | | |
| hazard/biohazard: | This material contains sodium azide as a preservative; take appropriate precaution. There is no known biohazard associated with this product. | | | | | | | | |