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Product Datasheet

A1M - Human alpha-1-microglobulin
GRP12962

Species/Host	Chicken
Reactivity	Human
Predicted Reactivity	Human, Rabbit, Cat, Rat, Macaca fascicularis, Pan troglodytes, Gorilla, Ailuropoda melanoleuca
Tested Applications	ELISA, RIA, WB
Immunogen	Full-length human alpha-1-microglobulin (A1M), purified from human urine.
Form/Appearance	Liquid in PBS
Storage	Store lyophilized/reconstituted at -20°C; make aliquots to avoid working with a stock. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from liquid material adhering to the cap or sides of the tubes.
Note	For research use only.
Clonality	Polyclonal
Purity	Total IgY
MW	27 kDa
Dilution Range	1 : 5000 (ELISA), 1 : 2000 (WB)
Application Notes	Additional Information: IgY concentration is 19,8 mg/ml Background: Alpha-1-microglobulin is a 27-kDa glycoprotein with immunosuppressive properties. A gene AMBP in the lipocalin cluster encodes alpha-1-microglobulin together with a Kunitz-type proteinase inhibitor, bikunin. The gene is translated into the alpha-1-microglobulin-bikunin precursor, which is subsequently cleaved and the two proteins are secreted to the blood separately. Alpha-1-microglobulin is found in blood and in connective tissue in most organs. It is most abundant at interfaces between the cells of the body and the environment, such as in lungs, intestine, kidneys and placenta. Alpha 1-microglobulin is an immunomodulatory protein with a broad spectrum of possible clinical applications and seems a promising marker for evaluation of tubular function.