

Instruction manual

* FOR RESEARCH USE ONLY

* STORE AT -20°C UPON ARRIVAL

Anti-Bilirubin Antibody
(24G7)

Product name	Anti-Bilirubin Antibody [24G7]
Description	Mouse monoclonal against bilirubin
Source	Mouse
Clonality	Monoclonal
Clone name	24G7
Purification	Protein G purified
Conjugate	Un-conjugated
Tested applications	ELISA
Species reactivity	Anti bilirubin antibody [24G7] is recommended for detection of bilirubin of all animal species since it recognizes the chemical structure of bilirubin which is homogenous among all species. [24G7] also reacts with Biopyrrine, the metabolites of bilirubin.
Target background	Bilirubin is an intermediate of heme degradation. It is an antioxidant and oxidative stress marker. Biopyrrin is the metabolites of bilirubin and an oxidative stress marker as well. Some reports suggested that oxidative stress is increased by psychological stress such as speech stress, subjective stress, social stress, and mental disorders, showing an elevated level of biopyrrin accordingly.
Amount	100 µg
Form	Liquid
Storage	Store at -20°C. Stable for 12 months at -20°C. Please avoid repeated freeze-thaw cycles.
Storage buffer	D-PBS(-) 80%, Glycerol 20%
Related products	Biopyrrine ELISA kits (Catalog # : BP01DE)
References	1) Yamaguchi, T., Shioji, I., Sugimoto, A., Komoda, Y., & Nakajima, H. Epitope of 24G7 anti-bilirubin monoclonal antibody. <i>Biochimica et Biophysica Acta (BBA)-General Subjects</i>, 1289 (1), 110-114. 1996

Manufacturing-and-selling contractor

Metallogenics Co.,Ltd. Sales Dept.
1-8-15, Inohana, Chuo-ku Chiba-shi,
Chiba, 260-0856, Japan

TEL: +81-43-227-6767

FAX: +81-43-227-6768

e-mail: sales@ak-j.com

URL: <http://metallogenics.co.jp/>