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## Certificate of Analysis

**REF.:** M48  
**HYBRIDOMA CELL LINE:** Clone 31B12, anti-Ethyl Glucuronide (anti-EtG)  
**LOT:** 300813

### PROTEIN CONCENTRATION: 5.86 mg/mL

Protein concentration has been determined by BCA-protein assay (PIERCE, Calibrator BSA).

### FORMULATION:

The product was lyophilized from a stabilizer solution of antibody in phosphate-buffered saline (PBS) with 0.02% Na-Azide as preservative. The antibodies were derived from cell culture which showed no signs of contamination. Reconstitute with A. dest to a concentration of 1 mg/mL.

### PURIFICATION:

The product has been purified by affinity chromatography on Protein A.

### ISOTYPING: Mouse IgG2b

Isotyping was performed by ELISA with antibody sets from DIANOVA, Germany.

### PURITY: >90 %

Purity was checked by Oriole stained SDS PAGE, analyzed with Chemi Doc Imager.

### REACTIVITY:

Specific reactivity was checked in a competitive ELISA with Ethyl Glucuronide coated plates. ED50 dose of competition by EtG was determined with 0.87 µg/mL (4 ng/mL Ab; #300413).

### EXPIRY:

Store at 4°C. Product is stable for at least 12 months after receipt when stored appropriately. After reconstitution store at ≤-20°C, avoid repeated freeze/thaw cycles.

**For in-vitro use only. Not for use in diagnostic procedures. Not for use in or on humans or animals. We are not responsible for violations or patent infringements which may occur with the use of our products**

Reutlingen, 2013-07-01

Dr. Markus Langkamp  
Head of Quality Management



Geschäftsführung:  
Dr. Angelika Haage, Dr. Lutz Pridzun  
Sitz der Gesellschaft: Kusterdingen  
Amtsgericht Stuttgart HRB 380863  
UST.-ID. Nr.: DE146 893 439  
Steuer-Nr.: 86115/70125

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