

Material Safety Data Sheet

Date updated: January 20, 2015

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1 PRODUCT AND COMPANY INFORMATION

Product Name: 8-OXO-dG marker,
Manufacturer: Health Biomarkers Sweden AB
Address: c/o Department of Molecular Biosciences, The Wenner-Gren Institute,
Stockholm University, S-106 91 Stockholm, Sweden
Telephone: +46(0)8164064, Mobil: +46(0)704852188
Emergency contact: +46(0)8 164064

2 HAZARDOUS PROPERTIES

No hazardous compounds were identified related to this kit.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Product Name 8-oxo-dG-marker

Kit Components

- | | |
|------------------------------|---|
| 1) 8-oxodG microtiter plate | Microtiter plates precoated with 8-oxodG (1 plate) |
| 2) Primary antibody | Monoclonal antibody for 8-oxodG: Volume 20 ul |
| 3) Secondary antibody | HRP-conjugated anti mouse antibody: Volume 6.5 ul |
| 4) TMB solution | 3,3',5,5'-Tetramethylbenzidine in DMSO: Volume 30 ul |
| 5) Staining buffer | Citrate-phosphate buffered saline: Volume 20 ml |
| 6) Washing solution | Phosphate buffered saline and bovine serum albumin (BSA), Tween 20 : Volume 22 ml |
| 7) Standard 8-oxodG solution | 100 ng/ml of 8-oxodG: Volume 0.5 ml |
| 8) Sample dilute solution | Confidential: Non-toxic, non-hazardous buffer: Volume 15 ml |

- | | |
|--------------------------------------|---|
| 9) Chromogen solution | ddH ₂ O and Phosphate buffered saline: Volume 100 ul |
| 10) Solvent 1 and 1A: | Confidential: Non-toxic, non-hazardous buffers: Volume 20 ml |
| 11) Solvent 2: | Confidential: Non-toxic, non-hazardous buffer: Volume 10 ml |
| 12) Plastic sealing for ELISA plates | |

Primary antibody, Standard 8-oxodG solution and Washing solution should be kept at -20 °C until use. During the delivery the kit can be kept in +4 °C.

CAS number of the compounds of the kit:

TMB: CAS#64285-73-0,
Citrate-phosphate buffered saline contains: Trisodium citrate dihydrate CAS#6132-04-3
8-oxo-dG: CAS#88847-89-6
BSA (Bovine Serum Albumin): CAS#9048-46-8
Phosphate buffered saline: not required registration, sigma product number is P5493
Tween 20: CAS#9005-64-5
DMSO: CAS#67-68-5

4 FIRST AID MEASURES

Oral Exposure:

If any of the components are swallowed rinse mouth with water and seek medical attention.

Inhalation Exposure:

If inhaled, remove to fresh air. If breathing becomes difficult, seek medical attention.

Dermal Exposure:

In case of skin exposure, wash with water for at least 15 minutes. Remove contaminated clothing. If rash or irritation develops, seek medical attention.

Eye Exposure:

In case of eye exposure, flush with water for at least 15 minutes while separating the eyelids with fingers. Seek medical attention.

5 FIRE FIGHTING MEASURES

In the case of fire, avoid inhalation of the gas generated. During a fire, irritating and toxic gases may be generated.

6 ACCIDENTAL RELEASE MEASURES

Clean up the spills immediately. Use gloves.

7 HANDLING AND STORAGE

Store the kit at 2 – 8 °C during transportation. Some parts of the kit has to be stored at -20 °C upon arrival (see the assay protocol).

8 EXPOSURE CONTROL/PERSONAL PROTECTION

Use gloves and lab coat while you are using the kit.

9 PHYSICAL AND CHEMICAL PROPERTIES

See the individual MSDS for each compound.

10 STABILITY AND REACTIVITY

Stability:	Stable
Materials to avoid:	N/A
Hazardous Decomposition products:	Nature of decomposition products is not known.

11 TOXICOLOGICAL INFORMATION

Skin Contact:	May cause skin irritation
Eye contact:	May cause eye irritation
Inhalation:	No risk identified
Ingestion:	May be harmful if swallowed

12 ECOLOGICAL INFORMATION

N/A

13 DISPOSAL INFORMATION

Can be disposed as Non-Hazardous waste.

14 TRANSPORT INFORMATION

The kit is considered to be Non-Hazardous for transport.

The kit is considered to be Non-Hazardous for air transport.

15 REGULATORY INFORMATION

Not regulated.

16 OTHER INFORMATION

This kit is for research use only. Not for drug, diagnostic, or other uses. The information provided is correct to the best of our knowledge.