



Material Safety Data Sheet

Glutathione (GSH/GSSG) HPLC

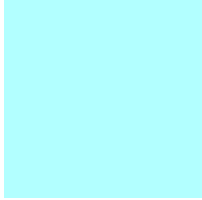
Catalog Number: 30-1800

ALPCO Diagnostics

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Material Safety Data Sheet (MSDS)

Glutathione

HPLC (Art.No. KC1800)

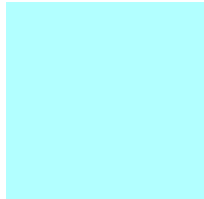
General safety notes :

1. The components of the kit are listed in the following table.
2. Each component is shown with its CAS number (Chemical Abstracts System Number), if available.
1. In the following the sources of supply for the kit components are summarized. Detailed safety data sheets are available from the respective company.
2. The test components which are made of human serum should be handled as recommended for any potentially infectious human serum or blood specimen. The normal precautions for laboratory working should be observed.
3. Not all reagents in the test package are tested for toxic effects. If there is no toxic characterization it does not imply that these reagents are harmless.

Chemicals and their sources of supply:

Sodium acetate	Merck, Darmstadt
Methanol	Scharlau, St.Augustin
Sodium azide	Merck, Darmstadt
Potassium tetraborate	Sigma, Deisenhofen
Ethylenediamine-tetraaceticacid	Merck, Darmstadt
Tris(carboxyethyl)phosphine	Sigma, Deisenhofen
Perchloric acid	Merck, Darmstadt
SBD-F	Fluka, Neu Ulm
Glutathione	Sigma, Deisenhofen

Stand 06/08



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Reagent	CAS-number	R-Sätze	S-Sätze	Symbol	Toxicity class
Mobile phase - Potassiumdihydrogenphosphate - Methanol	7778-77-0 67-56-1	20	(1/2)-7-16-24-25	Xn	
Reaction buffer - Potassium tetraborate - Ethylenediamine-tetraaceticacid	12045-78-2 6381-92-6				
Reduction solution - Potassium tetraborate - tris(carboxyethyl)phosphine	12045-78-2 51805-45-9	34	26-27-36/37/39	Xi	
Precipitating reagent - Perchloric acid - Ethylenediamine-tetraaceticacid	7601-90-3 6381-92-6	36/38	(1/2)-23-26-36-45	Xi	
Derivatisation reagent - Potassium tetraborate - SBD-F	12045-78-2 84806-27-9	36/38	26-36	Xi	
Calibrator - Plasma - Glutathione	70-18-8 27025-41-8				
Internal Standard - Potassium tetraborate - Internal Standard	12045-78-2				