



Agilent Seahorse XF Assay Medium

Data Sheet

Agilent Seahorse XF Assay Medium (0 mM Glucose)

Part number 102365-100 (2 × 1 liter)

Agilent Seahorse XF Assay Medium is for use in conjunction with the Agilent Seahorse Bioscience XF Analyzer instruments, XF Assay Kit cartridges, and XF tissue culture microplates. The constituents are based on the formulation of Dulbecco's Modified Eagle's Medium, including 2 mM of L-glutamine (as L-alanyl-glutamine, GlutaMAX). Please note that NO sodium bicarbonate (buffering agent), glucose, or sodium pyruvate is present.

Medium Specifications

Parameter	Value
Volume	1 L
Osmolality	291 mOsm/kg H ₂ O
Endotoxin	<0.0052 EU/mL
Storage	2–8 °C
Expiration	18 months when properly stored

Medium Formulation

Component	Final concentration
Mg ²⁺ (as MgSO ₄)	0.8 mM
Ca ²⁺ (as CaCl ₂)	1.8 mM
NaCl	143 mM
KCl	5.4 mM
NaH ₂ PO ₄	0.91 mM
L-Ala-Gln (GlutaMAX)	2 mM
Phenol Red	3 mg/L

www.agilent.com/chem

This information is subject to change without notice.

© Agilent Technologies, Inc., 2017
Published in the USA, February 15, 2017
102365-100

Other Constituents

L-Arginine*HCl, L-Cystine*2HCl, Glycine, L-Histidine*HCl*H₂O, L-Isoleucine, L-Leucine, L-Lysine*HCl, L-Methionine, L-Phenylalanine, L-Serine, L-Threonine, L-Tryptophan, L-Valine, L-Tyrosine*2Na*2H₂O, Folic acid, Riboavin, D-Ca-Panthothenate, Choline Chloride, i-Inositol, Nicotinamide, Pyridoxine*HCl, and Thiamine*HCl



Agilent Technologies