



**100X Non-Essential Amino Acids  
(NEAA)**  
Catalog #0823

**Product Description**

In addition to antibiotics, buffers and growth factors, cell culture media also often require extra nutrients in the form of amino acids. Although most mammalian cells can synthesize non-essential amino acids (NEAA), supplementing cell culture media with NEAA promotes rapid cell growth and enhances cell metabolism. ScienCell offers a 100X concentrate of NEAA present in the Minimum Essential Medium (MEM). The solution is sterilized through a 0.2µm membrane filter.

	<u>Formulation</u>	
<b>Chemical</b>	<b>mg/L</b>	<b>mM</b>
L-Alanine	890.9	10
L-Asparagine•H <sub>2</sub> O	1501	10
L-Asparatic Acid	1331	10
L-Glutamic Acid	1471	10
Glycine	751	10
L-Proline	1151	10
L-Serine	1051	10

**Product Use**

NEAA is for research use only. It is not approved for human or animal use, or for application in *in vitro* diagnostic procedures.

**Storage**

Store 100X NEAA at 2- 8°C. Protect from light.

**Shipping**

Room temperature.

*Caution: If handled improperly, some components of the medium may present a health hazard. Take appropriate precautions when handling it, including the wearing of protective clothing and eyewear. Dispose of properly.*