

## StemBoost™ Neuronal Cell Induction Cocktail Set (100X), Sterile-Filtered

Cat #	Component#1	Component#2
K891-1	K891-1-1 (cocktail solution, 1 x 1 ml)	K891-1-2 (50 mM VPA solution, 1 x 1 ml)
K891-set	K891-1-1 (cocktail solution, 5 x 1 ml)	K891-1-2 (50 mM VPA solution, 5 x 1 ml)

**FORM:** 100X Liquid

**STORAGE:** -20 °C. Hygroscopic

**DESCRIPTION:** A convenient, sterile-filtered cocktail solution (100X) containing seven small molecules useful for induction of neuronal cells (hcnNs) from human fibroblasts. The seven products are shown in the following table:

Product	Cat. No.	Biological Activity	Concentration in the vial	Component Part#
<b>CHIR99021</b>	1677	GSK-3 inhibitor	0.3 mM	<b>K891-1-1 (in DMSO)</b>
<b>RepSox</b>	1894	TGFβ inhibitor	0.1 mM	
<b>Forskolin</b>	1531	cAMP Activator	1.0 mM	
<b>SP600125</b>	1669	JNK inhibitor	1.0 mM	
<b>Gö6983</b>	9539	PKC inhibitor	0.5 mM	
<b>Y-27632 HCl</b>	1596	ROCK inhibitor	0.5 mM	
<b>Valproic Acid Sodium Salt (VPA)</b>	1647	HDAC Inhibitor	50 mM	<b>K891-1-2 (in H<sub>2</sub>O)</b>

**REFERENCES:** Hu, W., *et al.* (2015). *Cell Stem Cell* **17**, 204-212.

### RELATED PRODUCTS:

DiscoveryPak™ Stem Cell Fate Regulator Set I (**Cat. No. K852-3**)  
 DiscoveryPak™ Stem Cell Fate Regulator Set II (**Cat. No. K853-8**)  
 DiscoveryPak™ Stem Cell Fate Regulator Set III (**Cat. No. K854-3**)  
 DiscoveryPak™ Stem Cell Fate Regulator Set IV (**Cat. No. K855-3**)  
 DiscoveryPak™ Stem Cell Fate Regulator Set V (**Cat. No. K865-5**)  
 DiscoveryPak™ Stem Cell Fate Regulator Set VI (**Cat. No. K866-5**)  
 DiscoveryPak™ Stem Cell Fate Regulator Set VII (**Cat. No. K866-10**)  
 (±) –Bay K 8644 (**Cat. No. 1682-5**)  
 BIX01294 (**Cat. No. 1678-5, 25**)  
 CHIR99021 (**Cat. No. 1677-5, 25**)  
 EZSolution™ CHIR99021 (**Cat. No. 1748-5**)  
 PD0325901 (**Cat. No. 1643-2**)  
 PS-48 (**Cat. No. 1869-5**)  
 Pyrintegrin (**Cat. No. 1729-1,5**)  
 EZSolution™ Pyrintegrin (**Cat. No. 1737-1**)  
 RepSox (**Cat. No. 1894-5, 25**)  
 Reversine (**Cat. No. 1851-1, 5**)  
 RG 108 (**Cat. No. 1679-10,30**)  
 SB-431542 (**Cat. No. 1674-1**)  
 EZSolution™ SB-431542 (**Cat. No. 1872-1**)  
 Sodium Butyrate (**Cat. No. 1609-100, 1000**)  
 StemBoost™ Reprogramming Cocktail Set II (1000X), Sterile-Filtered (**Cat. No. K870-1ML, 5ML, 1EA**)  
 StemBoost™ YPAC Cocktail Set (1000X), Sterile-Filtered (**Cat. No. K871-1ML, 5ML, 1set**)  
 Thiazovivin (**Cat. No. 1681-1,5**)  
 EZSolution™ Thiazovivin (**Cat. No. 1736-1**)  
 Tranlycypromine Hemisulfate (Parnate) (**Cat. No. 1816-25,100**)

*FOR RESEARCH USE ONLY!*

Valproic Acid, Sodium Salt (**Cat. No. 1647-200**)  
Y-27632,2 HCl (**Cat. No. 1596-1, 5, 50**)  
EZSolution™ Y-27632, HCl (**Cat. No. 1784-5**)  
Okadaic Acid, Sodium Salt (**Cat. No. 1764-025**)  
Pepstatin A (**Cat. No. 1732-25, 100**)  
Protease Inhibitor Cocktail (**Cat. No. K271-500**)  
PMSF (**Cat. No. 1548-5**)

***FOR RESEARCH USE ONLY! Not to be used on humans.***