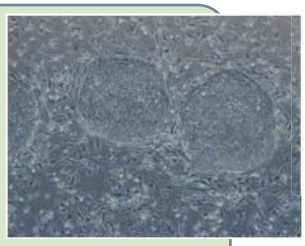
Applied StemCell, Inc.

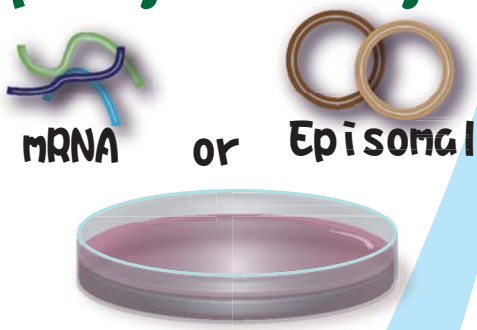
製作您的專屬 iPS cells

從製作到分化，ASC 幫您搞定



Induced pluripoten stem cells (iPS cells)於2006年首度由中伸彌教授研究團隊發表。藉由將幹細胞的轉錄因子(Oct3/4、Sox2、Klf4和c-myc)轉染至體細(somatic cell)，成功誘出具多功能分化能力的iPS細胞。iPS cells 在形態學與基因表現上皆與胚胎幹細胞(EST)相似，且具增生(pro- liferation)及自我更新(self-renewal)能力。然而iPS細胞不似傳統幹細胞研究，受到道德上的質疑與規範，提供幹細胞研究新的材料，在醫療領域上更提供了個人化幹細胞治療的可能性。

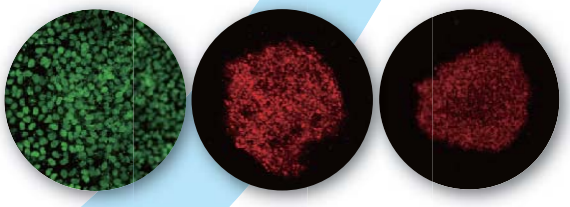
Reprogramming



ASK-3011	iPS Cell Generation Kit
AM-106-302-CM	mirPS mir-302 Electroporation Kit
AM-125-302-CM	mirPS mir-302 Liposomal/Polysomal Kit
AM-108-302-CM	mirPS mir-302/367 Electroporation Kit
AM-127-302-CM	mirPS mir-302/367 Liposomal/Polysomal Kit

Characterization

protein marker



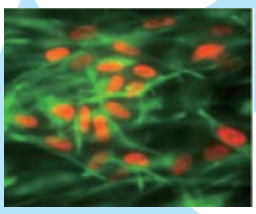
NANOG TRA-1-60 SSEA-3

ASK-3005	Mouse ESC/iPSC Characterization Kit
ASK-3006	Human ESC/iPSC Characterization Kit
ASK-3007	Rat ESC/iPSC Characterization Kit
ASK-6001	mESC/iPSC Pluripotency RT-PCR Kit
ASK-6101	hESC/iPSC Pluripotency RT-PCR Kit
ASK-6201	rESC/iPSC Pluripotency RT-PCR Kit

Differentiation

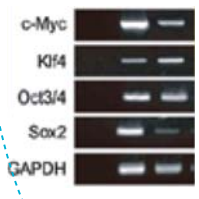
ASK-4002 Neural Differentiation

ASKHZ-0001 Dendritic Cell generation

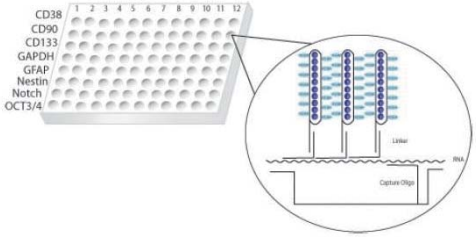


Nestin (red) and Sox2 (green)

RT-PCR



Stem Cell-Specific miRNA Plate Assay Kit



翰新國際有限公司 TEL:02-28239957 FAX:02-28236645
Hycell International Co., Ltd. www.hycell.com.tw