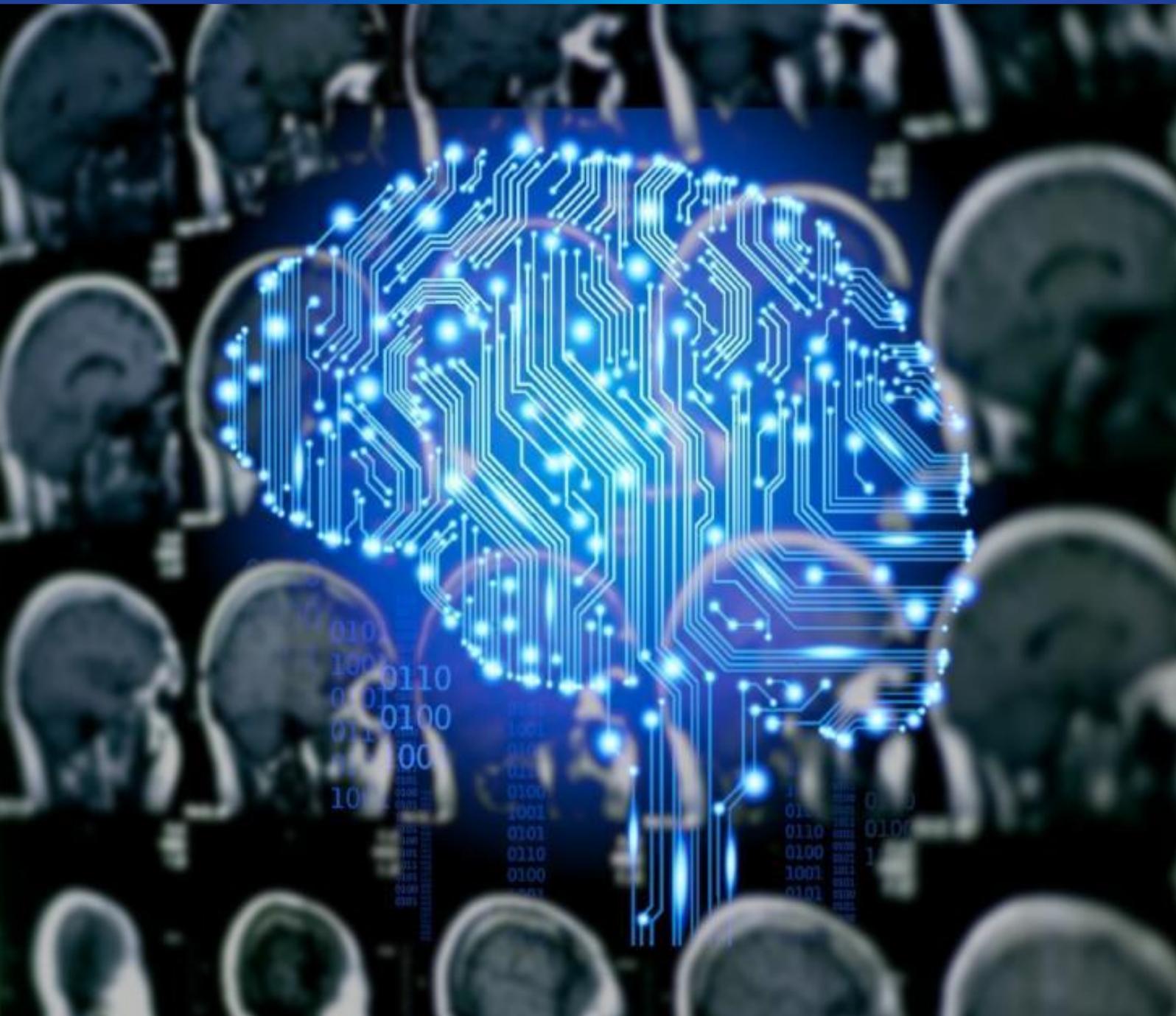


ReproNeuro Ach™ & Alzheimer's Disease Model Cells Small Pack

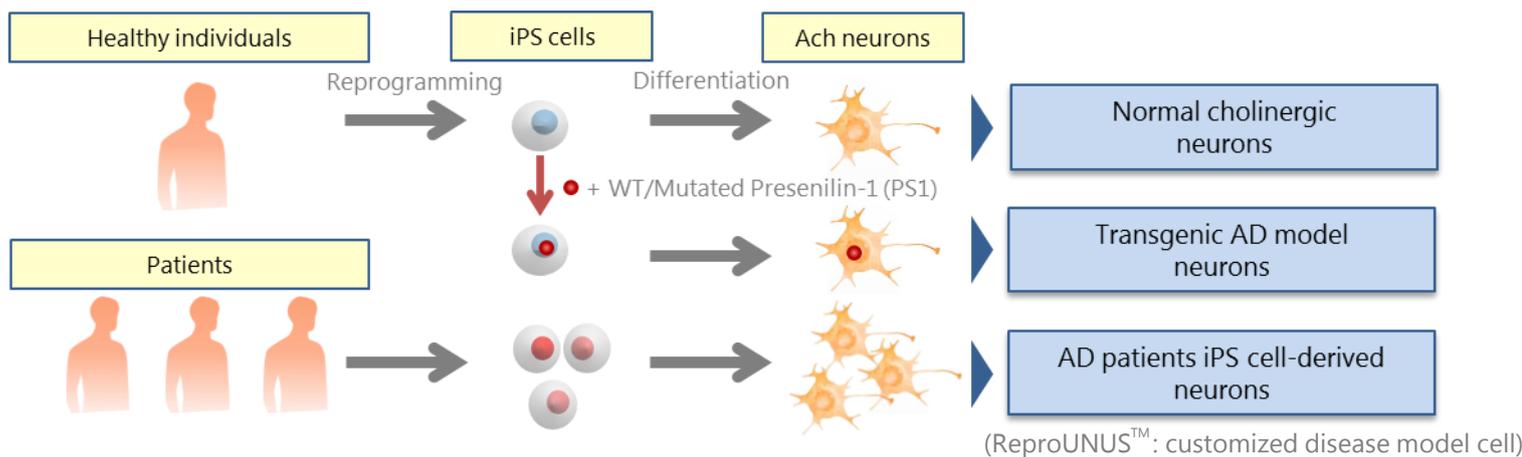
Human iPS Cell-Derived Neurons for Alzheimer's Disease Research



- The world's first commercial cholinergic (Ach) neurons and Alzheimer's disease (AD) model neurons from human iPS cells
- Mimics the typical AD patient phenotype (Amyloid β accumulation) *in vitro*
- Applicable to high throughput screening using the PerkinElmer's assay system
- The price and number of cells suitable for academic use

Developed by ReproCELL using Kyoto University's technology

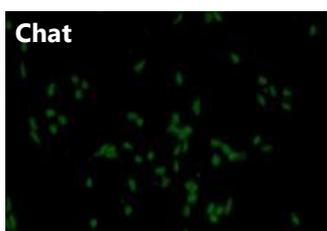
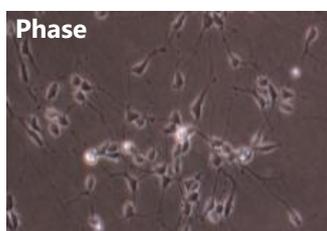
Choice of 3 different products depending on the purpose of the research



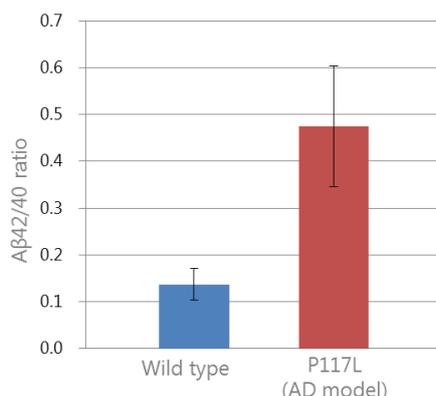
High purity (>80%) cholinergic neurons

Alzheimer's disease phenotype *in vitro* using a common assay system

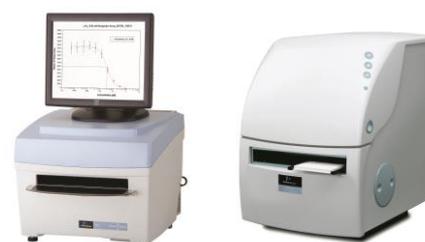
AD phenotype and drug effects can be quantified *in vitro*, using a common assay system such as PerkinElmer's AlphaLISA and Enspire



Aβ accumulation



EnSpire™/EnVision™ (PerkinElmer)



Quantified with AlphaLISA Aβ Assay (PerkinElmer) and Enspire

ReproCELL has developed this product based on the research by Prof. Norio Nakatsuji (iCeMS, Kyoto University) using human ES/iPS cells. Their results will be published in near future.

Product No.	製品名	製品概要	Price
RCESDA002	ReproNeuro Ach™ kit	Cholinergic neurons derived from a human iPS cell line without gene manipulation. 3x10 ⁵ cells + reagents	ASK
RCESDA104	ReproNeuro Ach-AD™ (PS1 wild type)	Cholinergic neurons derived from a human iPS cell line with a wild type copy of Presenilin-1. 3x10 ⁵ cells + reagents	ASK
RCESDA106	ReproNeuro Ach-AD™ (PS1 P117L)	Cholinergic neurons derived from a human iPS cell line with a mutant (P117L) copy of Presenilin-1 added. 3x10 ⁵ cells + reagents	ASK
	Refill Reagents for ReproNeuro Ach™	Ach Maturation medium™, Ach Additive™, Ach Thawing Medium™, Ach Coat™	ASK
	ReproUNUS™	Service to establish customised transgenic/patient-derived model neurons	ASK

Glutamatergic neurons (ReproNeuro Glu™ series) and Dopaminergic neurons (ReproNeuro DA™ kit) are also available.

Visit ReproCELL's web site for

- Up-to-date information on ReproNeuro Alzheimer's disease model
- Handling and assay procedure: instruction movies available
- Detailed information about kit contents and refill reagents

Note On receiving the kit, immediately transfer the frozen cells to a freezer at -80°C and use the cells as soon as possible. These cells are very sensitive to changes in temperature. For optimal viability, follow the instruction strictly.

For Research Use Only



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