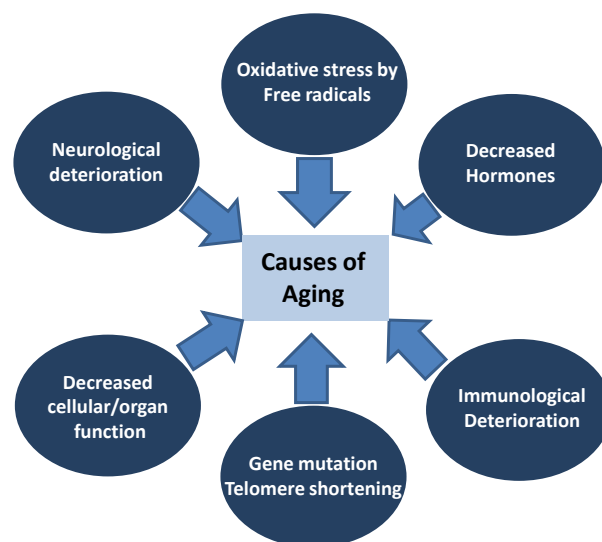


# Aging

Aging is an accumulation of changes that happen in an organism over time. It is not the cause but the effect of many physiological and psychological changes as we age and some of these alterations can be signs of disease. Some changes are easily visible, for example grey hair and wrinkles on the skin but some are more intrinsic like slowing down of metabolism, neurodegeneration and memory loss, oxidative damage to cells and tissues, cardiovascular changes, decline in bone density, visual acuity and so on. BioVision offers research tools to study every aspect of these changes so that the cellular signaling pathways involved in aging can be understood better for improved disease interventions.



## Assay Kits

Product Name	Cat. No.	Size
Actin Polymerization/ Depolymerization Assay Kit (Fluorometric)	K457	100 assays
Acyl-CoA Synthetase Fluorometric Assay Kit	K184	100 Assays
ApoSENSOR™ ADP/ATP Ratio Bioluminescence Assay Kit	K255	200 Assays, 1000 Assays
Akt Activity Assay Kit, KinaseSTAR	K435	40 Assays
Aldolase Activity Colorimetric Assay Kit	K665	100 Assays
ApoBrdU DNA Fragmentation Assay Kit	K401	60 Assays
ApoBrdU Red DNA Fragmentation Kit	K404	60 Assays
ApoBrdU-IHC DNA Fragmentation Assay Kit	K403	50 Assays
ApoDIRECT DNA Fragmentation Assay Kit	K402	50 Assays
Apoptotic DNA Ladder Isolation Kit	K170	50 Assays
Arginine Assay Kit (Fluorometric)	K384	100 Assays
Ascorbic Acid Colorimetric Assay Kit II (FRASC)	K671	100 Assays
Ascorbic Acid Colorimetric/Fluorometric Assay Kit	K661	100 Assays
ApoSENSOR™ ATP Cell Viability Bioluminescence Assay Kit	K254	200 Assays
Autophagy/Cytotoxicity Dual Staining Kit (Cell-Based)	K449	50 Assays
Bioluminescence Cytotoxicity Assay Kit	K312	500 Assays
EZViable™ Calcein AM Cell Viability Assay Kit (Fluorometric)	K305	1000 Assays
Caspase-3 Activity Assay Kit (Luminometric)	K186	100 Assays
Caspase-3 Activity Assay Kit II (Fluorometric)	K533	100 Assays
Catalase Activity Colorimetric/Fluorometric Assay Kit	K773	100 Assays
Cathepsin B (CTSB) Inhibitor Screening Kit (Fluorometric)	K147	100 Assays
Cathepsin B Activity Fluorometric Assay Kit	K140	100 Assays
Cathepsin D Activity Fluorometric Assay Kit	K143	100 Assays
Cathepsin D Inhibitor Screening Kit (Fluorometric)	K148	100 Assays
Cathepsin G Activity Fluorometric Assay Kit	K146	100 Assays

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Toll Free: 800-891-9699 (US Only)

## Assay Kits

Product Name	Cat. No.	Size
Cathepsin H Activity Fluorometric Assay Kit	K145	100 Assays
Cathepsin K Activity Fluorometric Assay Kit	K141	100 Assays
Cathepsin K Inhibitor Screening Kit (Fluorometric)	K150	100 Assays
Cathepsin L Activity Fluorometric Assay Kit	K142	100 Assays
Cathepsin S Activity Fluorometric Assay Kit	K144	100 Assays
Cathepsin S Inhibitor Screening Kit (Fluorometric)	K149	100 Assays
CETP Activity Fluorometric Assay Kit II	K595	100 Assays
Cytochrome c Apoptosis Assay Kit	K257	100 Assays
Cytochrome Oxidase Activity Colorimetric Assay Kit	K287	100 Assays
DNA Damage Quantification Colorimetric Kit	K253	25 Assays
Enhanced Apoptotic DNA Ladder Detection Kit	K130	50 Assays
Ethanol Colorimetric/Fluorometric Assay Kit	K620	100 Assays
Gamma Glutamyl Transferase (GGT) Activity Colorimetric Assay Kit	K784	100 Assays
Gamma Glutamyl Transferase (GGT) Activity Fluorometric Assay Kit	K785	100 Assays
Glucosylceramidase Activity Assay Kit (Fluorometric)	K2003	100 assays
Glutamate Dehydrogenase Inhibitor Screening Kit (Fluorometric)	K185	100 assays
Glutathione (GSH/GSSG/Total) Fluorometric Assay Kit	K264	100 Assays
Glutathione Colorimetric Assay Kit	K261	100 Assays
Glutathione Fluorometric Assay Kit	K251	100 Assays
Glutathione Peroxidase Activity Colorimetric Assay Kit	K762	100 Assays
Glycogen Phosphorylase Colorimetric Assay Kit	K179	100 assays
GST Colorimetric Activity Assay Kit	K263	100 Assays
GST Fluorometric Activity Assay Kit	K260	100 Assays
HAT (H4) Activity Fluorometric Assay Kit	K336	100 Assays
HAT Activity Colorimetric Assay Kit	K332	100 Assays
HAT Activity Fluorometric Assay Kit	K334	100 Assays
HDAC Activity Colorimetric Assay Kit	K331	100 Assays
HDAC Activity Fluorometric Assay Kit	K330	100 Assays
HDAC Inhibitor Drug Screening Kit (Fluorometric)	K340	100 Assays
HDAC1 Immunoprecipitation (IP) & Activity Assay Kit	K342	25 Assays
HDAC2 Immunoprecipitation (IP) & Activity Assay Kit	K341	25 Assays
HDAC3 Immunoprecipitation (IP) & Activity Assay Kit	K344	25 Assays
HDAC3 Inhibitor Screening Kit (Fluorometric)	K363	100 assays
HDAC3 Inhibitor Screening Kit (Fluorometric)	K363	100 Assays
Inosine Fluorometric Assay Kit	K712	100 Assays
InSitu HDAC Activity Fluorometric Assay Kit	K339	100 Assays
JNK Activity Assay Kit, KinaseSTAR	K431	40 Assays
L-Carnitine Colorimetric/Fluorometric Assay Kit	K642	100 Assays
Lipid Peroxidation (MDA) Colorimetric/Fluorometric Assay Kit	K739	100 Assays
Lipid Peroxidation Colorimetric Assay Kit	K454	100 assays
Lysosomal Cytotoxicity Dual Staining Kit (Cell-Based)	K458	50 assays
Lysosomal Intracellular Activity Assay Kit	K448	50 assays
Mitochondrial Apoptosis Detection Fluorometric Kit, MitoCapture	K250	25 Assays, 100 Assays
Mitochondrial DNA Isolation Kit	K280	50 Assays
Mitochondrial Protein IP Kit	K285	50 Assays

## Assay Kits

Product Name	Cat. No.	Size
Monoamine Oxidase A (MAO-A) Inhibitor Screening Kit (Fluorometric)	K796	100 Assays
Monoamine Oxidase Activity (Total MAO/MAO-A/MAO-B) Fluorometric Assay Kit	K795	100 Assays
Monoamine Oxidase B (MAO-B) Inhibitor Screening Kit (Fluorometric)	K797	100 Assays
Myeloperoxidase (MPO) Colorimetric Activity Assay Kit	K744	100 Assays
Myeloperoxidase (MPO) Fluorometric Activity Assay Kit	K745	100 Assays
EZClick™ Myristoylated Protein Assay Kit (FACS/Microscopy), Green Fluorescence	K497	100 Assays
EZClick™ Myristoylated Protein Assay Kit, Red Fluorescence	K177	100 assays
Nuclear/Cytosol Fractionation Kit	K266	25 Assays, 100 Assays
EZClick™ Palmitoylated Protein Assay Kit (FACS/Microscopy), Green Fluorescence	K452	100 assays
EZClick™ Palmitoylated Protein Assay Kit (FACS/Microscopy), Red Fluorescence	K416	100 assays
Peroxidase Activity Colorimetric/Fluorometric Assay Kit	K772	100 Assays
EZExtract™ Polyubiquitin Buffer Kit	K6570	3 components Assays
Proteasome Activity Fluorometric Assay Kit	K245	100 Assays
Quick Apoptotic DNA Ladder Detection Kit	K120	50 Assays
VisionBlue™ Quick Cell Viability Fluorometric Assay Kit	K303	500 Assays, 2500 Assays
Beta-Secretase Activity Fluorometric Assay Kit	K360	100 Assays
Senescence Detection Kit	K320	250 Assays
SIRT1 Inhibitor/Activator Screening Kit (Fluorometric)	K325	100 Assays
SIRT2 Inhibitor Screening Assay Kit (Fluorometric)	K322	100 Assays
Sirtuin Activity Assay Kit (Fluorometric)	K324	100 Assays
EZClick™ Stearoylated Protein Assay Kit (FACS/Microscopy), Green Fluorescence	K453	100 assays
EZClick™ Stearoylated Protein Assay Kit (FACS/Microscopy), Red Fluorescence	K418	100 assays
Superoxide Dismutase (SOD) Activity Assay Kit	K335	100 Assays
Thioredoxin Reductase Activity Colorimetric Assay Kit	K763	100 Assays
Total Antioxidant Capacity (TAC) Colorimetric Assay Kit	K274	100 Assays
EZClick™ TUNEL – in situ DNA Fragmentation/Apoptosis Assay Kit	K191	100 assays
Uric Acid Colorimetric/Fluorometric Assay Kit	K608	100 Assays
OrgFrontier™ Viable/Non-Viable Cells Separation Kit	K850	10 preparations
Xanthine Oxidase Activity Colorimetric/Fluorometric Assay Kit	K710	100 Assays
Xanthine/Hypoxanthine Colorimetric/Fluorometric Assay Kit	K685	100 Assays

## Antibodies

Product Name	Cat. No.	Size
ABCG1 Antibody (Center)	6705	100 µl
ABCG1 Antibody (NT)	6704	100 µl
ACE Antibody (CT)	6703	100 µl
ACHE Antibody (CT) (Clone 684CT8.3.4)	6707	100 µl
ACHE Antibody (NT)	6706	100 µl
AFX Antibody	3404	30 µg, 100 µg
AGT Antibody (CT)	6708	100 µl
AGT Antibody (NT)	6709	100 µl
Aldolase A (ALDOA) Antibody (CT)	6754	100 µl
Aldolase A (ALDOA) Antibody (NT)	6753	100 µl
Aldolase C (ALDOC) Antibody (CT)	6756	100 µl
Aldolase C (ALDOC) Antibody (CT) Clone # 859CT9.5.3	6755	100 µl

## Antibodies

Product Name	Cat. No.	Size
Aldolase C (ALDOC) Antibody (NT)	6757	100 µl
Androgen Receptor Antibody	6710	100 µl
Androgen Receptor Antibody (Clone 549CT16.1.4)	6711	100 µl
ANGPT1 Antibody (CT)	6760	100 µl
ANGPTL1 Antibody (NT)	6761	100 µl
Anti-Human Amyloid Beta 1-17 Antibody (Clone C4D10)	5006	100 µg
ApoA1 Antibody (NT)	6712	100 µl
ApoA4 Antibody (NT)	6713	100 µl
ApoE2 Antibody	5760	30 µg, 100 µg
ApoE3 Antibody	5696	30 µg, 100 µg
ApoE4 Antibody	5699	30 µg, 100 µg
ApoJ/Clusterin Antibody (NT)	6758	100 µl
APP Antibody	6001	100 µg
APP Antibody (CT)	5045	100 µg
BACE1 Antibody	6651	30 µg, 100 µg
BDNF Antibody	5004	100 µg
Calnexin Antibody	3811	30 µg, 100 µg
Catalase Antibody	3806	30 µg, 100 µg
Catalase Antibody (Center)	6727	100 µl
c-Jun antibody	3009	30 µg, 100 µg
c-Jun Antibody	3702	100 µg
Cox-1 Antibody	3361	30 µg, 100 µg
Cox-2 Antibody	3362R	30 µg, 100 µg
Cox-3 Antibody	3687	30 µg, 100 µg
Cox-4 Antibody	3638	30 µg, 100 µg
Cytochrome P450 Antibody	3084R	30 µg, 100 µg
eNOS Antibody	3426R	30 µg, 100 µg
FoxH1 Antibody	3892	30 µg, 100 µg
FTO Antibody (Clone FT86-4)	6699	50 µl
FTO Antibody (NT)	6764	100 µl
GST-Tag Antibody	3997	30 µg, 100 µg
Heme Oxygenase-1 Antibody	3391	30 µg, 100 µg
Heme Oxygenase-2 Antibody	3392	30 µg, 100 µg
JNK Antibody	3701	30 µg, 100 µg
LAMP-1 Antibody (Center)	5077	100 µg
LAMP2 Antibody	3900	30 µg, 100 µg
LAMP-2 Antibody (CT)	5078	100 µg
LAMP2 Blocking Peptide	3900BP	50 µg
Mek1/2 Antibody	3518	100 µl
mTOR Antibody	3786	100 µl
Myeloperoxidase (MPO) Antibody	3831	30 µg, 100 µg
NCS-1 Antibody	3693	30 µg, 100 µg
NFκB p105 Antibody	3897	30 µg, 200 µg
NFκB p50 Antibody	3354R	30 µg, 100 µg
NFκB p50 Polyclonal Antibody	3354	100 µg

## Antibodies

Product Name	Cat. No.	Size
NFkB p65 Antibody	3038	30 µg, 100 µg
NFkB p65 Antibody (Clone 2A12A7)	3012	100 µg
Nitrotyrosine Antibody	5416	50 µl
Nitrotyrosine Antibody (7A5)	5413	50 µg
Nitrotyrosine Antibody (HM11)	5414	50 µg
Nitrotyrosine Antibody (NOY-7A5)	5415	50 µg
NQO1 Antibody	3639	30 µg, 100 µg
PARP Antibody	3002	30 µg, 100 µg
PCAF Antibody	6675	30 µg, 100 µg
PCAF Antibody (CT)	6763	100 µl
PCAF Antibody (NT)	6762	100 µl
PDI (Protein Disulfide Isomerase) Antibody	5601	30 µg, 100 µg
Phospho-c-Jun (Ser73) Antibody	3502	100 µg
Phospho-Erk1/2 Antibody	3441	100 µg
Phospho-JNK/SAPK Antibody	3589	100 µg
RANTES Antibody	5323	100 µg
ROR2 Antibody	6702	100 µl
ROR2 Antibody (CT)	6701	100 µl
ROR2 Antibody (NT)	6700	100 µl
SODD Antibody	3221	100 µg
Superoxide Dismutase (SOD-1) Antibody	3458	30 µg, 100 µg
Superoxide Dismutase (SOD-1) Blocking Peptide	3458BP	50 µg
Superoxide Dismutase 1 (SOD-1) Antibody	6641	30 µg, 100 µg
Superoxide Dismutase 1 (SOD-1) Antibody (72B1)	6168	100 µl
Superoxide Dismutase 2 (SOD-2) Antibody (2A1)	6169	100 µl
Superoxide Dismutase 3 (SOD-3) Antibody (1H12)	6170	100 µl
Superoxide Dismutase 4 (SOD-4) Antibody (3A1)	6171	100 µl
TPO Antibody	5351R	30 µg, 100 µg
TPO Antibody	5352	30 µg, 100 µg
TrkB Antibody	3593	30 µg, 100 µg
TrkB Blocking Peptide	3593BP	50 µg
VCP Antibody	3756	100 µl

## Biochemicals

### Antioxidants

Product Name	Cat. No.	Size	CAS No.
Apigenin	2508	25 mg, 100 mg	520-36-5
Carnosic Acid	2075	5 mg, 25 mg	NA
Celastrol	1940	5 mg, 25 mg	34157-83-0
Coenzyme Q10	B2310	10 mg, 50 mg	303-98-0
Curcumin, Curcuma longa (High Purity)	1850	10 mg, 50 mg	458-37-7
Deferoxamine Mesylate	1883	500 mg, 1 g	138-14-7
Delphinidin (chloride)	B2807	1 mg, 5 mg	528-53-0
Ebselen	2169	5 mg, 25 mg	60940-34-3
Epigallocatechin gallate	1841	50 mg	989-51-5

# Biochemicals

## Antioxidants

Product Name	Cat. No.	Size	CAS No.
FeTPPS	2065	25 mg, 100 mg	90384-82-0
Genistein	1533	10 mg 100 mg	446-72-0
Genistin	1535	10 mg	529-59-9
6-Gingerol	2507	5 mg, 25 mg	23513-14-6
Idebenone	B2311	10 mg, 50 mg	58186-27-9
IPAM	1817	100 mg, 500 mg, 1 g	5814-93-7
Isoliquiritigenin	2528	5 mg, 25 mg	961-29-5
Isoxanthohumol	2529	5 mg, 25 mg	70872-29-6
Jatrorrhizine	2530	5 mg, 25 mg	3621-38-3
Kaempferol	2523	50 mg, 250 mg	520-18-3
L-Ascorbic acid	2269	100 mg, 1 g	50-81-7
Liproxstatin-1	B2312	5 mg, 25 mg	950455-15-9
L-Selenomethionine	2408	100 mg, 500 mg, 1 g	3211-76-5
Luteolin	2005	5 mg, 25 mg	491-70-3
Melatonin	2488	1 g, 5 g	73-31-4
MnTBAP Chloride	2058	10 mg, 50 mg	NA
MnTMPyP Pentachloride	2056	10 mg, 50 mg	NA
Naringenin	1772	250 mg, 1 g	480-41-1
Piceatannol	2072	5 mg, 25 mg	10083-24-6
Piperlongumine	1919	10 mg, 50 mg	20069-09-4
Piperlonguminine	1988	10 mg, 50 mg	NA
Pterostilbene	2073	5 mg, 25 mg	537-42-8
Quercetin, Dihydrate	1773	250 mg, 1 g	6151-25-3
Reduced Glutathione (GSH)	1242	1 g	70-18-8
Resveratrol	1758	100 mg, 500 mg	501-36-0
Rhapontigenin	2074	1 mg, 5 mg	500-65-2
Rosmarinic Acid	1843	50 mg, 250 mg	20283-92-5
Sauchinone	2312	1 mg, 5 mg	177931-17-8
Sclerotiorin	2334	250 µg, 1 mg	549-23-5
Skyrin, Talaromyces sp.	2043	1 mg	602-06-2
Sulforaphane	B2801	5 mg, 25 mg	4478-93-7
Tiliroside	1879	1 mg, 5 mg	20316-62-5
Trolox	2076	50 mg, 250 mg	53188-07-1

## HDAC Inhibitors

Product Name	Cat. No.	Size	CAS No.
Apicidin	1601	1 mg	183506-66-3
CBHA	2284	5 mg, 10 mg	174664-65-4
Chidamide	2261	1 mg, 5 mg	743420-02-2
CI-994	1742	10 mg, 50 mg	112522-64-2
Coumarin-SAHA	B2805	1 mg, 5 mg	1260635-77-5
CUDC-101	1966	5 mg, 25 mg	1012054-59-9
Depudecin	2087	100 µg	139508-73-9
FK228	2447	1 mg	128517-07-7

# Biochemicals

## Antioxidants

Product Name	Cat. No.	Size	CAS No.
DiscoveryPak™ HDAC Inhibitor Set	K851	6 inhibitors	NA
DiscoveryPak™ HDAC Inhibitor Set II	K876	7 inhibitors	NA
ITSA-1	2089	5 mg, 25 mg	200626-61-5
M344	1607	1 mg	251456-60-7
MS-275 (Entinostat, SNDX-275)	1590	1 mg, 5 mg	209783-80-2
Nexturastat A	2098	1 mg	1403783-31-2
Nullscript	2186	1 mg, 5 mg	300816-11-9
Oxamflatin	2250	1 mg, 5 mg	151720-43-3
Panobinostat (LBH589)	1612	1 mg, 5 mg, 25 mg	404950-80-7
PCI 34051	2251	5 mg, 25 mg	950762-95-5
PXD101	2480	5 mg, 25 mg	414864-00-9
Pyroxamide	2189	5 mg, 25 mg	382180-17-8
SAHA	1604	1 mg, 5 mg	149647-78-9
SB 939	2285	1 mg, 5 mg	929016-96-6
SBHA	2202	50 mg, 250 mg	38937-66-5
Scriptaid	1605	1 mg	287383-59-9
Sodium 4-phenylbutyrate	1608	100 mg, 1 g	1716-12-7
Sodium butyrate	1609	1 g	156-54-7
Splitomicin	1610	5 mg	5690-03-9
Trichostatin A	1606	1 mg	58880-19-6
EZSolution™ Trichostatin A	2271	1 mg	58880-19-6
Tubacin	1984	250 µg, 1 mg	537049-40-4
Tubastatin A	1724	1 mg, 5 mg	1239262-52-2
Valproic Acid, Sodium Salt	1647	200 mg	1069-66-5

## mTOR Inhibitors

Product Name	Cat. No.	Size	CAS No.
AZD8055	2340	1 mg, 5 mg	1009298-09-2
BI-D1870	1924	1 mg, 5 mg	501437-28-1
Compound 401	1657	5 mg	168425-64-7
Deforolimus	1587	5 mg, 25 mg	572924-54-0
ETP-46464	2457	5 mg, 25 mg	1345675-02-6
Everolimus	1917	5 mg, 25 mg	159351-69-6
GSK-2126458	1961	1 mg, 5 mg	1086062-66-9
mTOR Inhibitor, Ku-0063794	1779	1 mg, 5 mg	938440-64-3
mTOR Inhibitor, WYE-132	2256	500 µg, 1 mg	1144068-46-1
mTOR Inhibitor, WYE-23	2257	500 µg, 1 mg	1062169-46-3
mTOR Inhibitor, WYE-28	2255	500 µg, 1 mg	1062172-60-4
OSI-027	2372	5 mg, 25 mg	936890-98-1
P529	2462	5 mg, 25 mg	914913-88-5
PF-04691502	2289	5 mg, 25 mg	1013101-36-4
PathwayReady™ PI3-K/Akt/mTOR Signaling Inhibitor Panel	K857	11 inhibitors	NA
PP242	1658	1 mg	1092351-67-1
Prodigiosin	2311	250 µg, 1 mg	82-89-3



## Biochemicals

### mTOR Inhibitors

Product Name	Cat. No.	Size	CAS No.
EZSolution™ Rapamycin	1746	5 mg	53123-88-9
Rapamycin	1568	5 mg, 50 mg	53123-88-9
Temsirolimus (CCI-779, Torisel)	1600	5 mg, 25 mg	162635-04-3
EZSolution™ Torin 1	2353	5 mg	1222998-36-8
Torin 1	2273	5 mg, 25 mg	1222998-36-8
Torin 2	2274	5 mg, 25 mg	1223001-51-1
EZSolution™ Torin 2	2354	5 mg	1223001-51-1
XL765	2551	5 mg, 25 mg	934493-76-2

### Neuronal Transdifferentiation Modulators

Product Name	Cat. No.	Size	CAS No.
Neuronal Transdifferentiation Modulators Set I	K872	3 Modulators	NA
Neuronal Transdifferentiation Modulators Set III	K874	4 Modulators	NA
Neuronal Transdifferentiation Modulators Set IV	K875	3 Modulators	NA

### Stem Cell Fate Regulators

Product Name	Cat. No.	Size	CAS No.
A 83-01	1725	1 mg	909910-43-6
EZSolution™ A83-01, Sterile-Filtered	1989	1 ml	909910-43-6
5-Azacytidine	1854	50 mg, 250 mg	320-67-2
Bay K 8644	1682	5 mg	71145-03-4
BIO	1673	1 mg	667463-62-9
BIX 01294	1678	5 mg, 25 mg	935693-62-2
BODIPY-Cyclopamine	2160	50 µg, 250 µg	334658-24-1
8-Br-cAMP	1837	5 mg, 25 mg	76939-46-3
Cancer Cell Stemness Inhibitor I	2476	5 mg, 25 mg	83280-65-3
Cardiogenol C hydrochloride	1926	5 mg, 25 mg	1049741-55-0
CHIR 99021	1677	5 mg, 25 mg	252917-06-9
EZSolution™ CHIR99021	1748	5 mg	252917-06-9
EZSolution™ CHIR99021, Sterile-Filtered	1991	1 ml	252917-06-9
Compound 1	1688	5 mg	NA
Cyclopamine	1578	5 mg	4449-51-8
Cyclosporine A	1522	100 mg, 1 g	59865-13-3
DAPT	1855	5 mg	208255-80-5
Dexamethasone	1042	1 ml, 1 g, 10 g	50-02-2
DiscoveryPak Stem Cell Fate Regulator Set I	K852	3 inhibitors	NA
DiscoveryPak Stem Cell Fate Regulator Set II	K853	8 Modulators	NA
DiscoveryPak Stem Cell Fate Regulator Set III	K854	3 Modulators	NA
DiscoveryPak Stem Cell Fate Regulator Set IV	K855	3 Modulators	NA
DiscoveryPak Stem Cell Fate Regulator Set V	K865	5 Modulators	NA
DiscoveryPak Stem Cell Fate Regulator Set VI	K866	5 Modulators	NA
Forskolin	1531	5 mg, 25 mg	66575-29-9
GANT58	1812	5 mg, 25 mg	64048-12-0
GANT61	1892	5 mg	500579-04-4



## Biochemicals

### Stem Cell Fate Regulators

Product Name	Cat. No.	Size	CAS No.
GDC-0449	1890	5 mg, 25 mg	879085-55-9
Geldanamycin	1564	1 mg, 5 mg	30562-34-6
GSK-3 $\beta$ Inhibitor, TWS119	1655	2 mg	601514-19-6
Harmine	2561	50 mg, 250 mg	442-51-3
Heparin-Binding Peptide I	1821	5 mg, 25 mg	NA
Heparin-Binding Peptide II	1822	5 mg, 25 mg	NA
Heparin-Binding Peptide III	1823	5 mg, 25 mg	NA
Hh Signaling Pathway Antagonist	1659	1 mg	330796-24-2
ID-8	2562	5 mg, 25 mg	147591-46-6
IDE-1	2193	1 mg, 5 mg	1160927-48-9
Integrin Ligand peptide	1824	5 mg, 25 mg	NA
IQ-1	1663	1 mg	331001-62-8
ISX9	2563	5 mg, 25 mg	832115-62-5
JK 184	1726	1 mg	315703-52-7
Kartogenin	2066	5 mg, 25 mg	4727-31-5
Kenpaullone	1904	1 mg	142273-20-9
KY02111	2264	5 mg, 25 mg	1118807-13-8
L-Ascorbic acid	2269	100 mg, 1 g	50-81-7
LDN193189	1995	5 mg, 25 mg	1062368-24-4
EZSolution™ LDN193189	2092	5 mg	1062368-24-4
LIMK2 Antibody	3584	100 $\mu$ g	NA
ML243	2515	5 mg, 25 mg	1426576-80-8
MoTP	1852	5 mg, 25 mg	57055-82-0
Myeloperoxidase, Human Neutrophil	4744	100 $\mu$ g	NA
Neurodazine	2568	5 mg, 25 mg	937807-66-4
StemBoost™ Nociceptor Induction Cocktail Set (1000X), Sterile-Filtered	K878	500 $\mu$ l, 1 ml	NA
PD 173074	1675	1 mg	219580-11-7
PD 98059	1666	5 mg	167869-21-8
EZSolution™ PD 98059	1783	5 mg	167869-21-8
PD-0325901	1643	2 mg, 5 mg, 25 mg	391210-10-9
EZSolution™ PD-0325901, Sterile-Filtered	1990	1 ml	391210-10-9
PD184352	1585	1mg, 5 mg, 25 mg	212631-79-3
EZSolution™ PD184352	1871	1 mg	212631-79-3
Pifithrin-	1554	10 mg	63208-82-2
Pluripotin	2165	1 mg, 5 mg	839707-37-8
PluriSIn 1	2471	10 mg, 50 mg	91396-88-2
Prostaglandin E2	2268	5 mg, 25 mg	363-24-6
PS48	1869	5 mg, 25 mg, 100 mg	1180676-32-7
Purmorphamine	1672	5 mg	483367-10-8
Pyrintegrin	1729	1 mg, 5 mg	NA
EZSolution™ Pyrintegrin	1737	1 mg	NA
QS11	1680	5 mg	944328-88-5
Rapamycin	1568	5 mg, 50 mg	53123-88-9

## Biochemicals

### Stem Cell Fate Regulators

Product Name	Cat. No.	Size	CAS No.
EZSolution™ Rapamycin	1746	5 mg	53123-88-9
StemBoost™ Reprogramming Cocktail Set I (1000X), Sterile-Filtered	K869	1 ml, 5 ml, 5 x1 ml	NA
StemBoost™ Reprogramming Cocktail Set II (1000X), Sterile-Filtered	K870	1 ml, 5 ml, 5 x1 ml	NA
RepSox	1894	5 mg, 25 mg	446859-33-2
Retinoic acid	2218	50 mg, 250 mg	302-79-4
Reversine	1851	1 mg, 5 mg	656820-32-5
RG 108	1679	10 mg, 30 mg	48208-26-0
SB-431542	1674	1 mg, 5 mg	301836-41-9
EZSolution™ SB-431542	1872	1 mg	301836-41-9
EZSolution™ SB-431542, Sterile-Filtered	1992	1 ml	301836-41-9
EZSolution™ SCD1 Inhibitor	2548	1 mg	NA
Shz-1	1915	1 mg, 5 mg	326886-05-9
StemBoost™ SMAD Signaling Inhibitor Cocktail Set (1000X), Sterile-Filtered	K877	1 ml, 5 ml, 5 x1 ml	NA
Smo Agonist, SAG	1939	1 mg, 5 mg	912545-86-9
Sodium butyrate	1609	1 g	156-54-7
Stauprimide	1743	500 µg	154589-96-5
DiscoveryPak™ Stem Cell Fate Regulator Set VII	K867	10 Modulators	NA
StemRegenin 1	1967	1 mg, 5 mg	NA
SU-5402	1645	500 µg, 1 mg	215543-92-3
EZSolution™ SU-5402	2017	500 µg	215543-92-3
Thiazovivin	1681	1 mg, 5 mg	1226056-71-8
EZSolution™ Thiazovivin	1736	1 mg	1226056-71-8
Tomatidine hydrochloride	1893	25 mg	6192-62-7
Tranylcypromine Hemisulfate	1816	25 mg, 100 mg	13492-01-8
Trichostatin A	1606	1 mg	58880-19-6
U0126	1668	5 mg	109511-58-2
Valproic Acid, Sodium Salt	1647	200 mg	1069-66-5
WHI-P131	1853	5 mg, 25 mg	202475-60-3
XAV939	1727	1 mg	284028-89-3
EZSolution™ Y-27632	1784	5 mg	129830-38-2
Y-27632, dihydrochloride	1596	1 mg, 5 mg, 50 mg	129830-38-2
StemBoost™ YPAC Cocktail Set (1000X), Sterile-Filtered	K871	1 ml, 5 ml, 5 x1 ml	NA

### Ubiquitin Ligase (E3) Inhibitors

Product Name	Cat. No.	Size	CAS No.
NSC 146109 hydrochloride	1907	5 mg	59474-01-0
NSC 66811	2009	5 mg	6964-62-1
NSC-687852	2021	5 mg, 25 mg	1009817-63-3
SKPin C1	2343	5 mg, 25 mg	432001-69-9
SMER-3	2514	5 mg, 25 mg	67200-34-4
TCID	2204	5 mg, 25 mg	NA
Thalidomide	2020	10 mg, 50 mg	50-35-1

## ELISA Kits

Product Name	Cat. No.	Size
Acetylated p53 (Human) ELISA Kit	E4531	100 Assays
Adiponectin (human) Elisa Assay Kit	K4901	96 Assays
Adiponectin (mouse) Elisa Assay Kit	K4902	96 Assays
Adiponectin (rat) Elisa Assay Kit	K4903	96 Assays
Apolipoprotein E4/Pan-ApoE (human) ELISA Kit	K4699	100 Assays
BDNF (human) ELISA Kit	K4788	100 Assays
CA19-9 (human) ELISA Kit	K7427	100 Assays
Cancer Antigen 125 (CA-125) (human) ELISA Kit	K4803	100 Assays
Cathepsin B (human) ELISA Kit	K7408	100 Assays
Cathepsin B (mouse) ELISA Kit	K7407	100 Assays
Cathepsin D (human) ELISA Kit	K7409	100 Assays
Cathepsin D (mouse) ELISA Kit	K7410	100 Assays
Cathepsin K (CTSK)(Human) ELISA Kit	E4620	100 Assays
Cathepsin K (CTSK)(Mouse) ELISA Kit	E4621	100 Assays
Cathepsin K (CTSK)(Rat) ELISA Kit	E4622	100 Assays
Cathepsin S (human) ELISA Kit	K7277	100 Assays
c-jun (Human) ELISA Kit	K4198	100 Assays
Estradiol (human) ELISA Kit	K3829	100 Assays
Estradiol (mouse) ELISA Kit	K3830	100 Assays
Estradiol (rat) ELISA Kit	K3831	100 Assays
Fibronectin (human) ELISA Kit	K3631	100 Assays
Fibronectin (mouse) ELISA Kit	K3632	100 Assays
Fibronectin (rat) ELISA Kit	K3633	100 Assays
Folic Acid ELISA Kit	E4523	100 Assays
Glutathione peroxidase 1 (Human) ELISA Kit	K4225	100 Assays
Glutathione Reductase (GR)(Human) ELISA Kit	E4623	100 Assays
Glutathione Reductase, mitochondrial (Mouse) ELISA Kit	E4624	100 Assays
Granzyme B (human) ELISA Kit	K4279	100 Assays
8-hydroxy-2'-deoxyguanosine (8-OHdG) ELISA Kit	K4160	100 Assays
Irisin Competitive ELISA Kit	K4761	100 Assays
Malondialdehyde ELISA Kit	E4601	100 Assays
Muellerian-inhibiting Factor (AMH)(Human) ELISA Kit	E4538	100 Assays
Neuregulin-1/NRG1-beta1 (human) ELISA Kit	K4711	100 Assays
NFKB1 (Human) ELISA Kit	K4202	100 Assays
QuickDetect™ 8-OHdG (Mouse) ELISA Kit	E4441	100 Assays
QuickDetect™ 8-OHdG (Rat) ELISA Kit	E4442	100 Assays
RBP4 (human) Competitive ELISA Kit	K4911	100 Assays
RBP4 (human) ELISA Kit	K4912	100 Assays
RBP4 (mouse/rat) ELISA Kit	K4913	100 Assays
Sirtuin 1 (human intracellular) ELISA Kit	K4923	100 Assays
STAT3 (Human) ELISA Kit	K4201	100 Assays
TGF-beta1 (human) ELISA Kit	K4342	100 Assays
TGF-beta1 (mouse) ELISA Kit	K4343	100 Assays
TGF-beta1 (rat) ELISA Kit	K4344	100 Assays
Vitamin D3 (human) ELISA kit	K4806	100 Assays

## Proteins & Enzymes

Product Name	Cat. No.	Size
Aldolase A, human recombinant	7359	100 µg
ApoJ/Clusterin, human recombinant	7584	10 µg, 50 µg, 1000 µg
Apolipoprotein AII, Human Plasma	7281	500 µg
Apolipoprotein AIV, Human Plasma	7282	50 µg
Apolipoprotein B, Human Plasma	7283	500 µg
Apolipoprotein E, Human Plasma	7284	50 µg
Human CellExp™ BACE1, human recombinant (Native)	7398	10 µg, 50 µg
BDNF, human recombinant	4004	10 µg, 50 µg, 250 µg, 1 mg
BMP-3b/GDF-10, human recombinant	7303	100 µg
Cardiotrophin-1, human recombinant	4011	10 µg, 50 µg, 1 mg
Cardiotrophin-1, Murine Recombinant	7121	10 µg, 50 µg
Catalase, human recombinant	7362	100 µg
Human CellExp™ Cathepsin B, human recombinant	7408	10 µg
Human CellExp™ Cathepsin D, human recombinant	7409	10 µg
Human CellExp™ Cathepsin L1, human recombinant	7410	10 µg
CD68, human recombinant	7343	50 µg
CDNF, Human Recombinant	7127	10 µg, 50 µg
CHIP, human recombinant	4898	25 µg
c-Jun Fusion Protein, Recombinant	7001	100 µg (2 mg/ml)
Human CellExp™ Cystatin C, Human Recombinant	4878	10 µg, 50 µg
EGF Receptor, human recombinant	7135	10 µg, 50 µg
Human CellExp™ EGF, human recombinant	7228	10 µg
EGF, murine recombinant	4023	100 µg, 500 µg, 1 mg, 5 mg
EGF, rat recombinant	4024	20 µg, 100 µg, 1 mg
Human CellExp™ EGFR/ErbB1, human recombinant	7396	10 µg
Epidermal Growth Factor (EGF), human recombinant	4022	100 µg, 500 µg, 1 mg, 5 mg
Human CellExp™ ErbB1/EGFR, mouse recombinant	7402	10 µg
Human CellExp™ ErbB2 / HER2 / CD340, human recombinant	7397	10 µg, 50 µg
Human CellExp™ ErbB4/HER4, human recombinant	7401	10 µg, 50 µg
ERK1, Active	7741	5 µg
FTO, human recombinant	7557	10 µg
FTO, mouse recombinant	7558	10 µg
GDNF, human recombinant	4097	10 µg, 50 µg, 1 mg
Glyoxalase II (Glx II), Human Recombinant	P1072	10 µg, 50 µg
Heat Shock Protein 20, human recombinant	4847	10 µg
Heat Shock Protein 22, human recombinant	4850	10 µg
Heat Shock Protein 27, human recombinant	4853	10 µg, 50 µg, 1 mg
Heat Shock Protein 65, mycobacterium recombinant	4856	10 µg
Heat Shock Protein 70, human recombinant	4859	25 µg, 100 µg, 1 mg
Heat Shock Protein 90 (Hsp90), human recombinant	4858	25 µg, 100 µg, 1 mg
Human recombinant linear di-ubiquitin	6424	100 µg
Human recombinant linear penta-ubiquitin	6427	100 µg
Human recombinant linear tetra-ubiquitin	6426	100 µg
Human recombinant linear tri-ubiquitin	6425	100 µg
Human Recombinant Neuron-Specific Enolase (NSE)	6362	100 µg

## Proteins & Enzymes

Product Name	Cat. No.	Size
Human Recombinant Thioredoxin	6305	100 µg
Human recombinant UBE2D3	6430	3 nmol
Human recombinant UBE2L3	6431	3 nmol
Human recombinant Ubiquitin Activating Enzyme E1	6429	50 µg
Human Recombinant UCHL1	6306	100 µg
Human CellExp™ LAMP1/CD107a, human recombinant	7381	10 µg, 50 µg
Human CellExp™ Beta-NGF, Human Recombinant	6443	10 µg, 50 µg
NQO1, human recombinant	7571	10 µg, 50 µg
NT-3, human recombinant	4306	10 µg, 50 µg, 1 mg
NT-3, murine recombinant	4307	10 µg, 50 µg, 1 mg
ProBDNF, human recombinant	4273	10 µg, 50 µg, 1 mg
ProNGF, human recombinant	4274	10 µg, 50 µg, 1 mg
Protein Disulfide Isomerase (PDI), human recombinant	7601	100 µg, 1 mg, 5 mg
Proteinase K, Recombinant, Standard Grade	9251	5 ml 25 ml 100 ml
RAGE, human recombinant	4271	10 µg, 50 µg, 1 mg
RANTES, human recombinant	4321	20 µg, 1 mg
RANTES, murine recombinant	4322	20 µg, 100 µg, 1 mg
RANTES, rat recombinant	4323	20 µg, 100 µg, 1 mg
RBP4, mouse recombinant	7565	10 µg, 50 µg
Human CellExp™ RBP4, rat recombinant	7566	10 µg, 50 µg
Human CellExp™ SERPIN A3, human recombinant	7419	10 µg
Human CellExp™ SERPIN F1, human recombinant	7418	10 µg, 50 µg
SIRT1 (193-747 aa) (GST-tagged), Human recombinant	7264	25 units, 50 units
Sirtuin 2, human recombinant	7632	20 µg, 100 µg, 1 mg
Superoxide Dismutase (SOD), human recombinant	4802	20 µg, 100 µg, 1 mg
TIMP-2, human fibroblasts	7788	5 µg
Ubiquitin, human recombinant	4841	100 µg, 1 mg
Ubiquitin-Biotinylated (all lysines unmodified)	7551	50 µg
Ubiquitin-Fluorescein-labeled (FLR-Ub)	7552	50 µg
Ubiquitin-TAMRA-labeled (TMR-Ub)	7553	50 µg
UIM-UBA Fusion Protein	6571	250 µl

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