

ASSAY LIST

Cell stress and inflammation

BrDU (Cell prolif.)	HIF-1	NFAT-1
Cell motility	Hsp27	NFκB
Cell spreading	Hsp60	Oxidative stress
CHOP/GADD153	Hsp70	p38 MAPK
C-Jun	Hsp90a,b	p21
COX-2	H2AX	p53
CREB	Immunophilin FKBP52	4E-BP1
Cytoskeletal rearrangement	INOS	S6
FOXO3A	JNK	
Heme Oxygenase	MnSOD	

Cell signalling and transcription factors

AKT	HIF-1α	p53
ATF-2	IGFR	Receptor internalisation
β-Catenin	JNK	Smad3
C-Jun	mTOR	SP1
CREB	NFAT-1	STAT1
EGFR internalisation	Nfkb	STAT2
ERK MAPK	pEGFR	STAT3
FAK	PDGFR	Acetylated Sp1
FOXO1A	PKA	Total Sp1
FOXO3A	PKCα	GPCR Assays (contact us for details)
GR	p21	
GSK-3	p38 MAPK	

Cell cycle DNA damage and repair

ATM	Ki67	PLK1
BrDU	Ku70	p21
Cell cycle (subG1, G1, S, G2)	MDM2	p27 (Kip1)
Chk2	Micronucleus	p53
Cyclin B1	Mitotic index	p4EBP1
Cyclin D1	MnSOD	Rb
DNA Content	Oxidative stress	
H2AX	Phospho Histone H3	

Cytotoxicity and Apoptosis

Autophagy (LC3B)	FOXO3A	p21
Apoptosis (BAK & Caspase)	HIF-1α	p53
Cleaved PARP	Live Apoptosis (Annexin V & PI)	SMAC/Diablo
CREB	Oxidative stress	
Cytochrome C	Poly-ubiquitin	

Morphology and phenotypic changes

Cell morphology	Cell spreading	Neurite outgrowth
Cell motility	Cytoskeletal rearrangement	Nuclear morphology

Stem Cell Markers

Oct3/4	Nanog	Sox-2
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Zebrafish Toxicology Assays (please enquire for details)