

CELLKRAFT BIOTECH PRIVATE LIMITED- CRO SERVICES

No.121/B, Survey No.99, Hullimangala road, KIADB Bommasandra Industrial Area,
Bengaluru- 560099, Karnataka, India. Phone: +91 – 8217297006/ 9035623200, E-mail: info@cellkraft.in

Cat. No.	Service
TC	3D Tissue Models & services
1	Human Skin Model Test: In Vitro Skin Irritation (OECD439), Model available: EpiSkin™, Skin Ethic, France
2	Human Skin Model Test: in vitro Skin Corrosion (OECD431), Model available: EpiSkin™, Skin Ethic, France
3	Eye irritation test - Reconstructed human Cornea-like Epithelium (RhCE) test method (OECD 492), Model available: SkinEthic™ HCE, Skin Ethic, France
4	Short Time Exposure In Vitro Test Method for eye irritation - In Vitro Test Method on SIRC cell line by MTT assay (OECD 491)
5	Caco-2 Permeability assay
6	Blood brain barrier permeability assay

Other Services

ACC	Cell culture assays
1	Cytotoxicity MTT / LDH / WST-8 assays
2	Scratch/Wound healing assay
3	Transwell migration assay
4	Angiogenesis - Endothelial tube formation
5	Biocompatibility testing
6	Colony formation assay
7	Lymphocyte proliferation assay
8	Lipid peroxidation assay (MDA detection) by colorimetry
9	Cytoprotective activity - Neuroprotective, Hepatoprotective, etc.
10	Cell culture & treatment services
FLO/FLM	Flow cytometry/ Fluorescence microscopy
1	Apoptotic Markers – Annexin V / Caspase-3 / Bcl-2 / Bax / p53
2	DNA fragmentation by TUNEL assay
3	Mito-screen (JC-1) kit – Mitochondrial membrane potential assay
4	H ₂ DCFDA - ROS detection by flow cytometry
5	Glucose (2-NBDG) uptake assay
6	VEGFR-2 - Angiogenesis marker
7	GLUT-4, AMPKα1 & SREBP1 - Glucose metabolism & Lipogenesis
9	PCK2 - Gluconeogenesis & cancer cell survival
10	AKT - Cell Survival & Growth Signaling
11	CD markers - CD-16 / CD-44 / CD-56 / CD-45
12	Inflammatory markers – IL-6 / TNF-α / COX-2 / IL-17 / IL-4 / IL-13 / IFN-G / IL1B
13	Live/Dead assay - Acridine orange & Propidium iodide staining
14	Drug uptake assay
15	Ploidy analysis
	Any other markers

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EL	ELISA & Microplate assays
1	Quantitative ELISA
2	Enzyme inhibition assays - Hyaluronidase, Elastase, Collagenase, α -amylase, AchE, etc.
MB	Microbiology
1	Anti-microbial test - Well/Disc diffusion
2	Anti-microbial test - MIC microplate & MBC
3	Sterility testing
AOX	Anti-oxidant assays
1	DPPH assay
2	Phosphomolybdenum assay
3	Nitric Oxide assay by Griess reagent method
QC	QC tests
1	Endotoxin/LAL test
2	Protease estimation
3	Sterility testing
4	Mycoplasma testing
RNASEQ	Transcriptome sequencing service
	Transcriptome sequencing (Control + Test sample, 1 cell line) RNA Extraction and QC, Library preparation, Sequencing using Illumina PE150 (~4 Gb data/sample), Bioinformatics analysis:
1	QC, mapping, DEG analysis, GO & KEGG pathway enrichment analysis, visualization plots).
PCR	Gene Expression analysis by qPCR
	Other customized studies are also possible upon enquiry