

FACT SHEET/ TERMS AND CONDITIONS: *In vitro* cytotoxicity test (as per ISO 10993-5)

(Revised: 15 April, 2017)

FEATURES

- *In vitro* cytotoxicity test
 - Cultured mammalian cells are incubated in contact with a test material or extracts of a test material for 24 hours to determine the biological response of these cells *in vitro* using appropriate biological parameters.
 - Viability of cells is measured via metabolic activity. Yellow water-soluble MTT (3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazoliumbromid) is metabolically reduced in viable cells to a blue-violet insoluble formazan. The number of viable cells correlates to the colour intensity determined by photometric measurements after dissolving the formazan in alcohol.
 - Report consists of test method and tables of reactivity grading and viability %
 - Images of proliferating cells (if possible) are NOT included in this service offering but can be requested separately.
 - Experiments include a negative and positive control for reference. Researcher specified control studies are treated as separate experiments.
- Venture Center offers this service only for L929 mouse fibroblast NCTC clone 929 strain L cell line. (Venture Center will be willing to work with researchers on new method development/ new cell lines etc but these exercises need to be discussed separately with the Venture Center management.)
- This service is being offered specifically to support studies of cell growth on experimental scaffolds and surfaces with the larger purpose of promoting technology development and entrepreneurship.
- Venture Center only supports researchers with scientific data. Venture Center is not an accredited testing lab. Venture Center does not provide certificates. This data cannot be used for any certifications/ approvals. Venture Center does not offer to certify or confirm data in front of any agency or any court of law.

ELIGIBILITY

- The IVC testing service is open to all researchers and technology developers. The test samples are assumed to be safe for handling. However, priority shall be given to:
 - Proof-of-concept studies aiming to create to start-ups
 - Requests from incubatee companies (resident and AIP)
- At this time, Venture Center can only offer this service to a limited number of applicants. In this context, Venture Center retains the right to refuse applications without providing a reason.

TERMS & PRICING

- GENERAL CONDITIONS:
 - This service sheet only offers standardized experimental protocol. The terms and conditions are specifically for these standardized studies. All publications, posters and presentations by researchers using IVC studies data from Venture Center are expected to acknowledge use of Venture Center facilities as follows in the acknowledgement section: "*In vitro* cytotoxicity studies were performed by _____ at the DBT-BIRAC supported Venture Center BioIncubator at CSIR-NCL, Pune, India"
 - Any studies involving intellectual inputs relating to design of experiments or new method development etc are treated different from the above mentioned standardized studies. Such collaborative efforts involving Venture Center staff have to be approved by the Venture Center management on a case-to-case basis. The terms of engagement shall be different in these cases. Typically, in these cases, Venture Center requires that all publications, posters and presentations by

researchers using IVC studies data generated with intellectual contributions from Venture Center staff be acknowledged through co-authorship.

- Experiments can fail for various reasons. Venture Center shall not be liable for the loss of samples and time in this case.

● HOW TO APPLY?

- Request a discussion meeting with the Venture Center Lab Managers. OR write to lab@venturecenter.co.in
- Fill and submit application form. Venture Center raises an invoice against this application form. Payments are expected in full in advance prior to start of IVC studies.

● PAYMENT TERMS

- All services are offered against advance payment in full. Service tax and other taxes applicable at the prevailing rate shall in addition to the above.
- Payment via a) Demand Draft, b) Cheque payable in Pune or at par or c) bank transfer are possible. All payments have to be made in the name of “**Entrepreneurship Development Center**”
- Booking once made shall not be transferrable or payment made thereof shall be non-refundable. On the occasional case where Venture Center is unable to carry out the experiment due to equipment failure or contamination or absence of staff, Venture Center shall inform the applicant immediately and refund the payments made to it.

● USAGE TERMS

- Service users shall not (intentionally or otherwise) do or say anything to suggest that Venture Center or CSIR-NCL has any connection to the samples being studied.
- Venture Center shall maintain records of IVC studies for each applicant. These will be made available to the applicant prior to billing. User agrees that in case of any dispute, Venture Center’s assessment of the number of samples / number of hours and fees applicable will be considered final and the same shall be used for billing purposes.
- Venture Center reserves the right to deny use of its services at its sole discretion, without providing any reason whatsoever. In case of scheduling conflicts, Venture Center will be the sole and final authority on the schedule and availability of the IVC studies.

●PRICING

In vitro cytotoxicity test service		Price
IVC-01	Direct contact	Rs. 5000 per test material
IVC-02	Test on extract	Rs. 6000 per test material per extract dilution

●DISCOUNTS

Venture Center’s standard discounts shall apply. See latest discounts at: <http://www.venturecenter.co.in/discounts.php>

It is hereby declared that the undersigned has read and understood the terms and conditions of Venture Center’s *in vitro* cytotoxicity test services and accepts the same.

Name of the authorized signatory

For and on Behalf of
 (Name of the Company)

Designation