



Toxicity Testing in the 21st Century (Tox21) Assay Nomination Instructions & Form

This Assay Nomination Form may be submitted to propose assays for inclusion in Tox21, the collaboration between the U.S. EPA's Office of Research and Development, the National Institute of Environmental Health Sciences/National Toxicology Program, the NIH Center for Advancing Translational Sciences and the Food and Drug Administration. The goal of this project is the research, development, validation and translation of new and innovative methods that characterize key steps in toxicity pathways. A central component of the collaboration is the use of quantitative high-throughput screening (qHTS) assays performed at the NIH Center for Advancing Translational Sciences to evaluate pathways of toxicity. Ideally proposed assays complement assays that are part of EPA's ToxCast program, and this could include the direct transition of ToxCast assays to NIH Center for Advancing Translational Sciences. This Nomination Form serves to provide input to the collaboration of potential assays supporting this goal.

Proposed assays should be compatible with the guidelines for qHTS assays as described on the NIH Center for Advancing Translational Sciences website:

<http://www.ncats.nih.gov/research/reengineering/ncgc/assay/criteria/criteria.htm>

The assay proposal should be limited to **one** page. The form should be submitted by email to the address below. Members of the collaboration will evaluate submissions on an ongoing basis. Please provide contact information as submitters may be contacted for additional information. Please note that the submitter will not necessarily receive feedback on submissions unless selected for screening.

Assay Nomination Form: [Nomination Form](#)

Submission address: houck.keith@epa.gov.

Tox21 Assay Nomination Form:

Date:

Name:

Organization:

Contact Information:

Assay Name:

Biological/Toxicity Pathway:

Relevance to Tox21:

Critical Factors for Assay Success:

Assay Technology:

Assay Source:

Assay Format:

Reference Compounds:

Validation Status:

Estimated Major Costs: