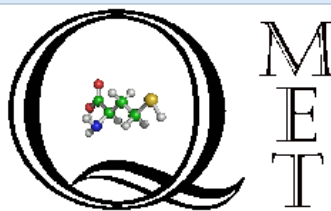


# Part 1: QA for Metabolomics questionnaire

[Home](#)

## QA for Metabolomics questionnaire

This collection of information contains Paperwork Reduction Act (PRA) requirements approved by the Office of Management and Budget (OMB). Notwithstanding any other provisions of the law, no person is required to respond to, nor shall any person be subject to a penalty for failure to comply with, a collection of information subject to the requirements of the PRA unless that collection of information displays a currently valid OMB control number. Public reporting burden for this collection is estimated to be 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information. Send comments regarding this burden estimate or any aspect of this collection of information, including suggestions for reducing this burden, to the National Institute of Standards and Technology, Attn: Katrice Lippa [katrice.lippa@nist.gov](mailto:katrice.lippa@nist.gov).

OMB Control No. 0690-0030  
Expiration Date: 06/30/2017

### Instructions

NIST is currently developing the qMET program to provide the metabolomics community with suitable measurement services and analysis tools to improve measurement comparability and harmonize both global profiling metabolomics and targeted metabolomic analyses.

The following list of questions are designed to assess the Quality Assurance (QA)-related needs for the metabolomics community. Please provide your assessment of your laboratory QA needs for metabolomics research and routine laboratory practices through the series of four (4) questions below.

If you have questions, you can e-mail us at [qmet@nist.gov](mailto:qmet@nist.gov).

Q1: What types of measurements and/or Quality Controls (QCs) are needed to ensure QA for your routine laboratory metabolomics measurements?

### Protocols (Check all that apply)

- Sample collection and processing
- Instrumentation
- Training resources (videos, checklists, etc.)
- Other

### Reference/QC materials (Check all that apply)

- Calibration standards (for targeted analysis)
- Human biomaterials
- Model organism biomaterials
- Synthetic materials (e.g. plasma, urine)
- Other

### Reference spectral datasets

### Reference spectral datasets

- LC-MS/MS
- GC-MS
- NMR
- Other

### Interlaboratory comparisons with (Check all that apply)

- Reference materials
- Reference data
- Other

Q2: What type of Omics are most often used in your laboratory?

### (Check all that apply)

- Metabolomics targeted analysis
- Metabolomics global profiling
- Lipidomics targeted analysis
- Lipidomics global profiling
- Proteomics targeted analysis
- Proteomics global profiling
- Transcriptomics
- Combined omics (e.g., proteomics and metabolomics)
- Other

Q3: What types of human-based reference materials and/or quality control materials are of interest?

### (Check all that apply)

- Plasma
- Serum
- Whole-blood
- Saliva
- Breast milk
- Urine
- Feces
- Tissues

File Edit View History Bookmarks Tools Help  
NST Inside NIST | Questionnaire 2

callisto.nist.gov/qmet/metabolomics\_qa.php

Most Visited Getting Started Latest Headlines

- Breast milk
- Urine
- Feces
- Tissues
- Cells (e.g., cancer, gut E. coli)
- Other
- None

Q4: If non-human-based samples are of interest, please indicate here.

(Check all that apply)

- Single cells, microbes, e.g., algae, E. coli, yeast
- Nematodes, e.g., C. elegans
- Plant-based materials
- Fish/marine samples, e.g., mussel tissue
- Mammalian fluids, tissues
- Food-related materials
- Other invertebrates
- Other vertebrates
- Other
- None

Any additional comments for the qMet coordinators can be provided here:

Comments:

Please provide your contact information if you are interested in either participating in any future interlaboratory comparisons, or would like to be contacted when metabolomics reference materials and data become available.

Last Name

First Name

- Mammalian fluids, tissues
- Food-related materials
- Other invertebrates
- Other vertebrates
- Other
- None

Any additional comments for the qMet coordinators can be provided here:

**Comments:**

Please provide your contact information if you are interested in either participating in any future interlaboratory comparisons, or would like to be contacted when metabolomics reference materials and data become available.

<b>Last Name</b> <input type="text" value="Last Name"/>	<b>First Name</b> <input type="text" value="First Name"/>
<b>Title/Position</b> <input type="text" value="Title/Position"/>	<b>e-mail</b> <input type="text" value="e-mail"/>
<b>Name of Institution</b> <input type="text" value="Name of Institution"/>	<b>Type of Institution</b> <input type="text" value="For-profit Corporation"/>