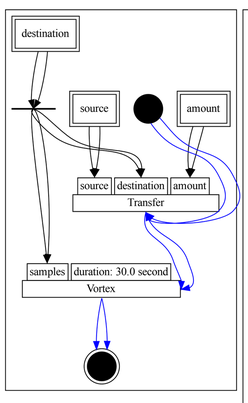
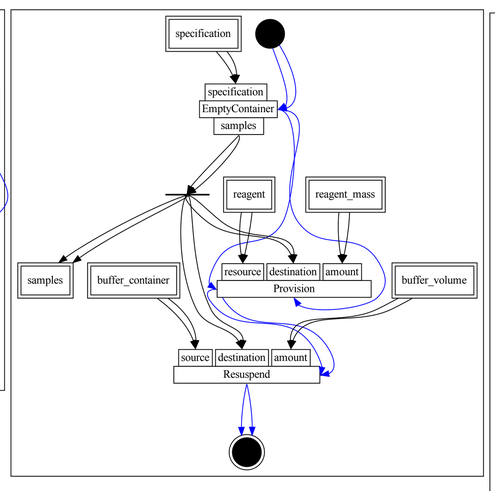
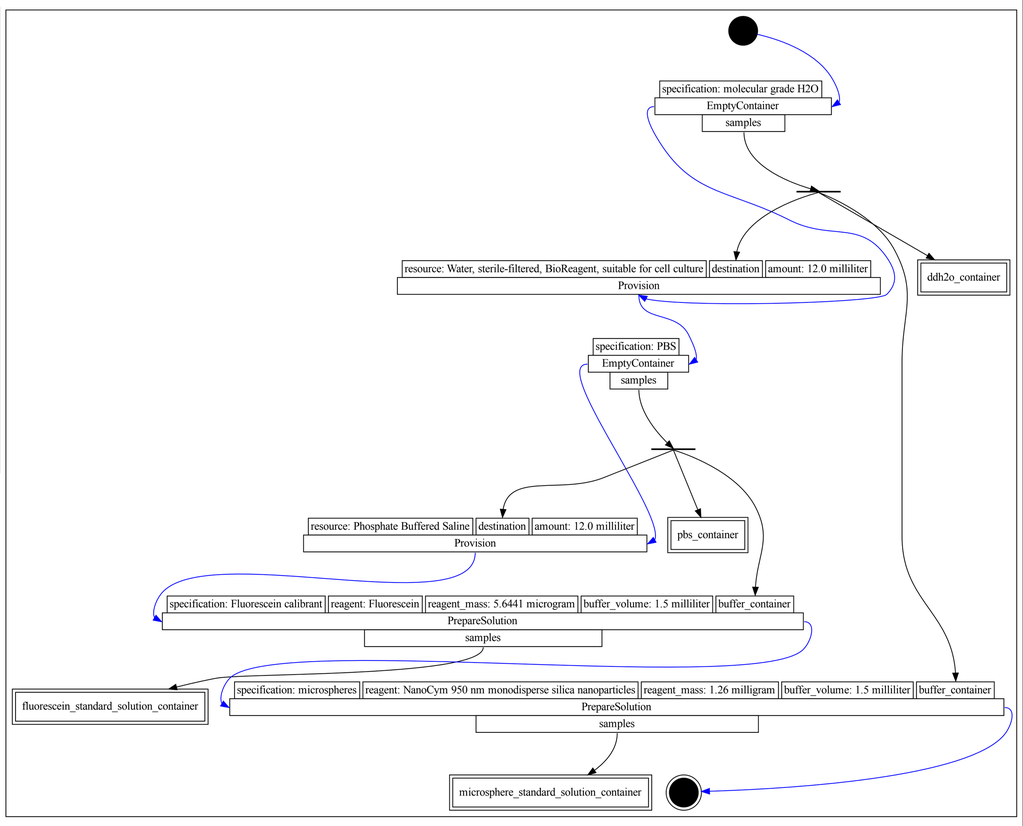
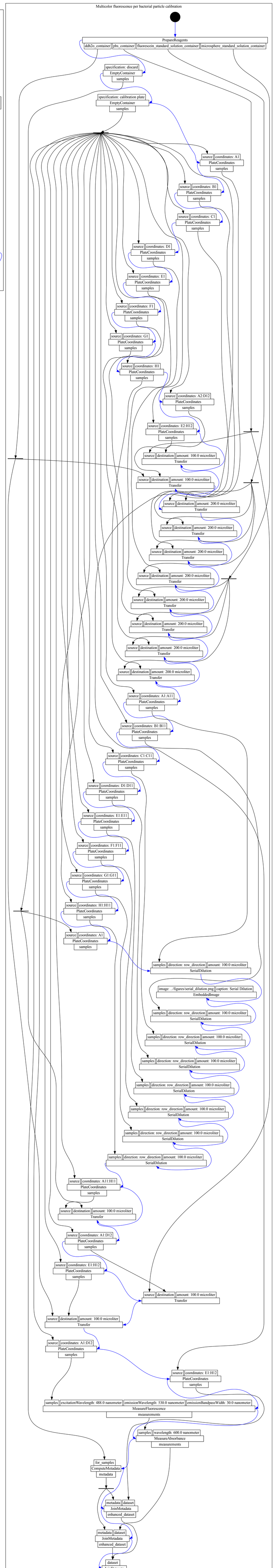

destination
source
amount
source
destination
amount
Transfer
samples
duration: 30.0 second
Vortex


specification
specification
EmptyContainer
samples
reagent
reagent_mass
samples
buffer_container
resource
destination
amount
Provision
buffer_volume
source
destination
amount
Resuspend


specification: molecular grade H2O
EmptyContainer
samples
resource: Water, sterile-filtered, BioReagent, suitable for cell culture
destination
amount: 12.0 milliliter
Provision
ddh2o_container
specification: PBS
EmptyContainer
samples
resource: Phosphate Buffered Saline
destination
amount: 12.0 milliliter
Provision
pbs_container
specification: Fluorescein calibrant
reagent: Fluorescein
reagent_mass: 5.6441 microgram
buffer_volume: 1.5 milliliter
buffer_container
PrepareSolution
samples
fluorescein_standard_solution_container
specification: microspheres
reagent: NanoCym 950 nm monodisperse silica nanoparticles
reagent_mass: 1.26 milligram
buffer_volume: 1.5 milliliter
buffer_container
PrepareSolution
samples
microsphere_standard_solution_container


Multicolor fluorescence per bacterial particle calibration
PrepareReagents
ddh2o_container
pbs_container
fluorescein_standard_solution_container
microsphere_standard_solution_container
specification: discard
EmptyContainer
samples
specification: calibration plate
EmptyContainer
samples
source
coordinates: A1
PlateCoordinates
samples
source
coordinates: B1
PlateCoordinates
samples
source
coordinates: C1
PlateCoordinates
samples
source
coordinates: D1
PlateCoordinates
samples
source
coordinates: E1
PlateCoordinates
samples
source
coordinates: F1
PlateCoordinates
samples
source
coordinates: G1
PlateCoordinates
samples
source
coordinates: H1
PlateCoordinates
samples
source
coordinates: A2:D12
PlateCoordinates
samples
source
coordinates: E2:H12
PlateCoordinates
samples
source
destination
amount: 100.0 microliter
Transfer
source
destination
amount: 100.0 microliter
Transfer
source
destination
amount: 200.0 microliter
Transfer
source
destination
amount: 200.0 microliter
Transfer
source
destination
amount: 200.0 microliter
Transfer
source
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amount: 200.0 microliter
Transfer
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amount: 200.0 microliter
Transfer
source
destination
amount: 200.0 microliter
Transfer
source
destination
amount: 200.0 microliter
Transfer
source
destination
amount: 200.0 microliter
Transfer
source
coordinates: A1:A11
PlateCoordinates
samples
source
coordinates: B1:B11
PlateCoordinates
samples
source
coordinates: C1:C11
PlateCoordinates
samples
source
coordinates: D1:D11
PlateCoordinates
samples
source
coordinates: E1:E11
PlateCoordinates
samples
source
coordinates: F1:F11
PlateCoordinates
samples
source
coordinates: G1:G11
PlateCoordinates
samples
source
coordinates: H1:H11
PlateCoordinates
samples
source
coordinates: A1
PlateCoordinates
samples
samples
direction: row_direction
amount: 100.0 microliter
SerialDilution
image: ../figures/serial_dilution.png
caption: Serial Dilution
EmbeddedImage
samples
direction: row_direction
amount: 100.0 microliter
SerialDilution
samples
direction: row_direction
amount: 100.0 microliter
SerialDilution
samples
direction: row_direction
amount: 100.0 microliter
SerialDilution
samples
direction: row_direction
amount: 100.0 microliter
SerialDilution
samples
direction: row_direction
amount: 100.0 microliter
SerialDilution
samples
direction: row_direction
amount: 100.0 microliter
SerialDilution
source
coordinates: A11:H11
PlateCoordinates
samples
source
destination
amount: 100.0 microliter
Transfer
source
coordinates: A1:D12
PlateCoordinates
samples
source
coordinates: E1:H12
PlateCoordinates
samples
source
destination
amount: 100.0 microliter
Transfer
source
destination
amount: 100.0 microliter
Transfer
source
coordinates: A1:D12
PlateCoordinates
samples
source
coordinates: E1:H12
PlateCoordinates
samples
samples
excitationWavelength: 488.0 nanometer
emissionWavelength: 530.0 nanometer
emissionBandpassWidth: 30.0 nanometer
MeasureFluorescence
measurements
samples
wavelength: 600.0 nanometer
MeasureAbsorbance
measurements
for_samples
ComputeMetadata
metadata
metadata
dataset
JoinMetadata
enhanced_dataset
metadata
dataset
JoinMetadata
enhanced_dataset
dataset
JoinDatasets
joint_dataset
dataset