



INVOICE INFORMATION	REPORT INFORMATION	PROJECT INFORMATION	TURNAROUND TIME (TAT)
Company Name: _____ Contact Name: _____ Address: _____ Phone: _____ Fax: _____ Email: _____	<input type="checkbox"/> Same as invoice information Company Name: _____ Contact Name: _____ Address: _____ Phone: _____ Fax: _____ Email: _____	Quotation #: _____ P.O. #: _____ Project #: _____ Site Location: _____ Site #: _____ Sampled By: _____	<input type="checkbox"/> Regular TAT (10-15 days) PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS <input type="checkbox"/> Rush TAT (Applicable Surcharge) <input type="checkbox"/> REQUEST RUSH TAT QUOTE

Sample Preparation Steps

pH Adjustment

Filtration/ Sterilization

ANALYSIS REQUESTED															
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
ToxiChromoTest (bacterial, fresh)	PROTOXKIT F (Chronic, fresh)	ROTOKIT F (Acute, fresh)	ROTOKIT M (Acute, estuarine/ marine)	ROTOKIT F (Short-chronic, fresh)	THAMINOTOXKIT F (Acute, fresh)	ARTOXKIT M (Acute, estuarine/ marine)	DAPHTOXKIT F magna (Acute, fresh)	CERIODAPHTOXKIT F (Acute, fresh)	OSTRACODTOXKIT F (Acute, fresh)	RAPIDTOXKIT F (Acute, fresh)	ALGALTOXKIT F (Acute, fresh)	ALGALTOXKIT M (Acute, estuarine/ marine)	PYTOTOXKIT F (Direct, Toxicity)	PYTOTESTKIT (Direct, germination)	SPIRODELA DUCKWEED TOXKIT (Direct)

Rush Confirmation (Y/N): _____

Date Required: _____

LABORATORY USE ONLY		
SAMPLE SEAL (Y/N)	Temperature (°C) upon Receipt	pH upon Receipt
PRESENT		
INTACT		

COMMENTS / INSTRUCTIONS

SAMPLES MUST BE KEPT COOL (< 10 °C) FROM TIME OF SAMPLING UNTIL DELIVERY TO EBPI labs

SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	# OF DILUTIONS	# OF REPLICATES	ToxiChromoTest (bacterial, fresh)	PROTOXKIT F (Chronic, fresh)	ROTOKIT F (Acute, fresh)	ROTOKIT M (Acute, estuarine/ marine)	ROTOKIT F (Short-chronic, fresh)	THAMINOTOXKIT F (Acute, fresh)	ARTOXKIT M (Acute, estuarine/ marine)	DAPHTOXKIT F magna (Acute, fresh)	CERIODAPHTOXKIT F (Acute, fresh)	OSTRACODTOXKIT F (Acute, fresh)	RAPIDTOXKIT F (Acute, fresh)	ALGALTOXKIT F (Acute, fresh)	ALGALTOXKIT M (Acute, estuarine/ marine)	PYTOTOXKIT F (Direct, Toxicity)	PYTOTESTKIT (Direct, germination)	SPIRODELA DUCKWEED TOXKIT (Direct)	COMMENTS / INSTRUCTIONS	
1																						
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SUBMITTED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME:	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME:	EBPI LABS PROCESSING #	COMPLETION DATE	TECHNITIAN INITIALS
							CLIENT CONTACTED (Y/N)	

Direct Toxicity Assay Options and Comments

Exposure Value	Test Name	Media	Duration	Comments
Chronic	TK11 PROTOXKIT F	fresh water	24 h	The assay measures the optical density (OD) of a solution of the ciliate biomass as food substrates are added and subsequently ingested.
Acute	TK21 – ROTOKIT F	fresh water	24 h	Suspension of red microspheres is added and healthy larvae will ingest the microspheres and give a coloured digestive tract that is observable under a microscope. Dead rotifers do not and lethality is measured as an endpoint.
Acute	TK22 – ROTOKIT M	marine/estuarine	24 h	Analogous to TK21 but utilizes salt water samples instead of fresh water samples
Chronic	TK23 - ROTOKIT F	fresh water	48 h	Similar to the acute Rotifer tests, however no microbeads are used, conditions encourage population growth, and the endpoint measures decreases in reproduction under toxic stress conditions after 48 h exposure. The 48 h median growth inhibition is measured, NOEL and LOEC values can be calculated
Acute	TK31 -THAMNOTOXKIT F	fresh water	24 h	Measures the acute mortality of <i>Thamnocephalus platyurus</i> after 24 h exposure.
Acute	TK32 - ARTOKIT M	marine/estuarine	24 h	Similar to TK32 however, organism used is <i>Artemia franciscana</i> , which permits the testing of salt water samples.
Chronic	TK37 - RAPIDTOXKIT	fresh water	30-60 min	Measures the ability of <i>Thamnocephalus platyurus</i> to ingest red microbeads, similar to the rotofer assays, during a rapid exposure period of 30 -60 min. The endpoint is sublethal, NOEL and LOEL can be calculated
Acute	TK33 - DAPHTOXKIT F <i>magna</i>	fresh water	48 h	Measures the acute mortality of <i>Daphnia magna</i> after a 48 h exposure. Mortality and immobility are used as endpoints
Acute	TK35 - CERIODAPHTOXKIT F	fresh water	24 h	Similar assay to TK 33 and TK 34, however <i>Ceriodaphnia dubia</i> is used as the test organism, providing a shorter assay time.
Chronic	TK36 OSTRACODTOXKIT F	fresh water/ sediment	6 d	Measures toxicity of fresh water sediment. Exposure to a microenvironment containing the test sediment and an algae food source for 6 days is followed by measurement of mortality and activity level (consumption of food source)
Chronic	TK41 ALGALTOXKIT F	fresh water	72 h	Growth of an algae culture is followed by exposure to the test compound. Optical density (OD) measures growth maintenance and population health.
Chronic	TK42 ALGALTOXKIT M	marine/estuarine	72 h	Analogous to TK41 but the test is performed with salt water samples
Chronic	TK61 PHYTOTOXKIT	soil/sediment	3-5 d	Measures the toxicity of contaminated soils, sludges, sediment and pure compounds by assessing the germination ability and root growth of three higher order plants.
Chronic	TK62 PHYTOTESTKIT	direct exposure	3-5 d	Similar to TK62, however no soil vector is used and toxicity is a measure of direct exposure to the three higher order plant species
Chronic	TK63 SPIRODELA DUCKWEED TOXKIT	direct exposure	72 h	Assay which uses floating aquatic plant species. After a 3 day growing period, plants are exposed for 72 hrs and physical attributes are measured for signs of toxicity
Acute	Toxi-ChromoTest	bacterial/ direct exposure	90 min	Bacteria are exposed to test compounds for 90 minutes, toxicity is based on ability to inhibit synthesis of B-galactosidase. Produces quantitative colourimetric endpoint