Water Sciences Laboratory Analyte/Protocol Price List 2022

Nebraska Water Center
Daugherty Water for Food Global Institute

Environmental :: Biological

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Protocol	Analyte	Reporting Limit	Protocol Cost	NU Cost (20% discount)
Illicit Compounds in plants **Protocol ID: 20_01_06** **Sample Container:** Paper bag for plants or 125 mL glass amber bottle for other types **Sample Size:** 2 mL **Preservation:** Cool, < 6ºC **Holding Time:** 30 Days **Estimated Turnaround Time:** 6-8 Weeks	**1,7-Dimethylxanthine**	0.2 ng/g	**$231.00**	$184.80
	Acetaminophen	0.2 ng/g		
	Amphetamine	0.2 ng/g		
	Azithromycin	0.2 ng/g		
	Carbamazepine	0.2 ng/g		
	Cotinine	0.2 ng/g		
	Diphenhydramine	0.2 ng/g		
	Hydrocodone	0.2 ng/g		
	MDA	0.2 ng/g		
	MDA	0.2 ng/g		
	Metaxalone	0.2 ng/g		
	Methadone	0.2 ng/g		
	Methamphetamine	0.2 ng/g		
	Morphine	0.2 ng/g		
	Oxycodone	0.2 ng/g		
	Phenazone	0.2 ng/g		
	Sulfachloropyridazine	0.2 ng/g		
	Sulfamethazine	0.2 ng/g		
	Sulfamethoxazole	0.2 ng/g		
	Temazepam	0.2 ng/g		
	Thiabendazole	0.2 ng/g		
	Trimethoprim	0.2 ng/g		
Neonicotinoid/strobularin pesticides in plants **Protocol ID: 20_02_06** **Sample Container:** Paper bag for plants or 125 mL glass amber bottle for other types **Sample Size:** 5 gm **Preservation:** Frozen	**6-Chloronicotinic acid**	Pending	**$288.80**	$231.04
	6-Chloronicotinic aldehyde	Pending		
	6-Chloro-N-methylnicotinamide	0.2 ng/g		
	Acetamiprid	0.1 ng/g		
	Azoxystrobin	0.2 ng/g		
	Clothianidin	0.3 ng/g		
	Dimethoate	0.2 ng/g		

Turnaround times are subject to existing sample queues Reporting Limits are subject to verification

Protocol	Analyte	Reporting Limit	Protocol Cost	NU Cost (20% discount)
Holding Time: 60 Days **Estimated Turnaround Time:** 6-8 Weeks **Reference:** Magalhaes, L. C.; Hunt, T. E.; Siegfried, B. D. (2009), "Efficacy of Neonicotinoid Seed Treatments to Reduce Soybean Aphid Populations Under Field and Controlled Conditions in Nebraska", *J. Econ. Entomol.* **10**2(1), 187-195.	**Dinotefuran**	0.2 ng/g		
	Imidacloprid	0.09 ng/g		
	Imidacloprid desnitro	Pending		
	Imidacloprid olefin	Pending		
	Imidacloprid urea	Pending		
	Indoxacarb	0.5 ng/g		
	Metalaxyl	0.2 ng/g		
	Picoxystrobin	0.2 ng/g		
	Pyraclostrobin	0.03 ng/g		
	Sulfoxaflor	0.2 ng/g		
	Thiacloprid	0.1 ng/g		
	Thiamethoxam	0.10 ng/g		
	Thiamethoxam urea	0.3 ng/g		
	Trifloxystrobin	0.2 ng/g		
Perfluoronated acids (PFAS) in plants **Protocol ID: 20_08_06**	**11Cl-PF3OUdS**	Pending	**$288.80**	$231.04
	9Cl-PF3ONS	Pending		
	ADONA	Pending		
	HFPO-DA	Pending		
	NEtFOSAA	Pending		
	NMeFOSAA	Pending		
	PFBS	Pending		
	PFDA	Pending		
	PFDoA	Pending		
	PFHpA	Pending		
	PFHxA	Pending		
	PFHxS	Pending		
	PFNA	Pending		
	PFOA	Pending		
	PFOS	Pending		
	PFTA	Pending		
	PFTrDA	Pending		
	PFUnA	Pending		

Protocol	Analyte	Reporting Limit	Protocol Cost	NU Cost (20% discount)
Sulfate conjugates of selected steroids in serum. **Protocol ID: 20_10_14** **Sample Container:** Pending **Sample Size:** Pending **Preservation:** Frozen **Holding Time:** 30 Days **Estimated Turnaround Time:** 2-3 Weeks	**Estradiol sulfate** **Pregnenolone sulfate** **Testosterone glucuronide** **Testosterone sulfate**	8 µg/L 18 µg/L 2 µg/L 10 µg/L	**$231.00**	$184.80
Sulfate conjugates of selected steroids in urine. **Protocol ID: 20_10_15** **Sample Container:** Pending **Sample Size:** Pending **Preservation:** Frozen **Holding Time:** 30 Days **Estimated Turnaround Time:** 2-3 Weeks	**Estradiol sulfate** **Pregnenolone sulfate** **Testosterone glucuronide** **Testosterone sulfate**	8 µg/L 18 µg/L 2 µg/L 10 µg/L	**$231.00**	$184.80
EPA 1694 Group 1 in plants (human usage) **Protocol ID: 20_11_06** **Sample Container:** Pending **Sample Size:** Pending **Preservation:** Frozen **Holding Time:** 60 Days **Estimated Turnaround Time:** 6-8 Weeks **Reference:** (2007), "EPA 1694 Pharmaceuticals and Personal Care Products in Water, Soil, Sediment, and Biosolids by HPLC/MS/MS".	**1,7-Dimethylxanthine** **Acetaminophen** **Ampicillin** **Azithromycin** **Caffeine** **Carbamazepine** **Cefotaxime** **Ciprofloxacin** **Clarithromycin** **Clinafloxacin** **Cloxcillin** **Codeine** **Cotinine** **Danofloxacin** **Dehydronifedipine** **Digoxigenin** **Digoxin** **Diltiazem**	Pending Pending Pending Pending Pending Pending Pending Pending Pending Pending Pending Pending Pending Pending Pending Pending Pending Pending	**$283.50**	$226.80

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Protocol	Analyte	Reporting Limit	Protocol Cost	NU Cost (20% discount)
	Diphenhydramine	Pending		
	Enrofloxacin	Pending		
	Erythromycin	Pending		
	Flumequine	Pending		
	Fluoxetine	Pending		
	Lincomycin	Pending		
	Lomefloxicin	Pending		
	Miconazole	Pending		
	Norfloxacin	Pending		
	Norgestimate	Pending		
	Ofloxacin	Pending		
	Ormetoprim	Pending		
	Oxacillin	Pending		
	Penicillin G	Pending		
	Penicillin V	Pending		
	Penillic Acid	Pending		
	Phenazone	Pending		
	Roxithromycin	Pending		
	Sarafloxacin	Pending		
	Sucralose	Pending		
	Sulfachlorpyridazine	Pending		
	Sulfadiazine	Pending		
	Sulfadimethoxine	Pending		
	Sulfamerazine	Pending		
	Sulfamethazine	Pending		
	Sulfamethiazole	Pending		
	Sulfamethoxazole	Pending		
	Sulfanilamide	Pending		
	Sulfathiazole	Pending		
	Thiabendazole	Pending		
	Trimethoprim	Pending		
EPA 1694 Group 1 in plants (vet usage) **Protocol ID: 20_21_06** **Sample Container:** Pending **Sample Size:** Pending **Preservation:** Frozen **Holding Time:** 60 Days **Estimated Turnaround Time:** 6-8 Weeks	**Ampicillin**	Pending	**$283.50**	$226.80
	Azithromycin	Pending		
	Carbadox	Pending		
	Cefotaxime	Pending		
	Ceftiofur	Pending		
	Ciprofloxacin	Pending		
	Clarithromycin	Pending		

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Protocol	Analyte	Reporting Limit	Protocol Cost	NU Cost (20% discount)
Reference: (2007), "EPA 1694 Pharmaceuticals and Personal Care Products in Water, Soil, Sediment, and Biosolids by HPLC/MS/MS".	**Danofloxacin**	Pending		
	DCCD	Pending		
	Erythromycin	Pending		
	Florfenicol	Pending		
	Lincomycin	Pending		
	Monensin	Pending		
	Novobiocin	Pending		
	Ormetoprim	Pending		
	Oxacillin	Pending		
	Oxolinic acid	Pending		
	Penicillin G	Pending		
	Penicillin V	Pending		
	Penillic Acid	Pending		
	Roxithromycin	Pending		
	Sulfachlorpyridazine	Pending		
	Sulfadiazine	Pending		
	Sulfadimethoxine	Pending		
	Sulfamerazine	Pending		
	Sulfamethazine	Pending		
	Sulfamethiazole	Pending		
	Sulfamethoxazole	Pending		
	Sulfanilamide	Pending		
	Sulfathiazole	Pending		
	Thiabendazole	Pending		
	Tiamulin	Pending		
	Trimethoprim	Pending		
	Tylosin	Pending		
	Virginiamycin	Pending		