



Tariffario per prestazioni conto terzi - Laboratorio di MOD&LS-

Responsabile Prof Anna Maria Papini

Tecnologo Dr.ssa Francesca Nuti

Analisi di Endocrine Disrupting Chemicals (EDCs)	Prezzo per prestazioni in €, al netto dell'iva
UPLC-MS/MS	
Determinazione di Fenoli [bisfenoli, parabeni]* in vari tipi di matrici	200-600**/Campione
Determinazione di Idrocarburi Policiclici Aromatici (IPA)* in vari tipi di matrici	200-600**/Campione
Determinazione di pesticidi polari: glifosato e corrispondenti metaboliti* in vari tipi di matrici	200-600**/Campione
Determinazione di piretroidi e clorpirifos [clorpirifos, cipermetrin e ciflutrin]* in vari tipi di matrici	200-600**/Campione
Determinazione di Ftalati [diesteri, monoesteri]* in vari tipi di matrici	200-600**/Campione
Determinazione di PFAS* in vari tipi di matrici	300-700**/Campione
ICP_AES	
Determinazione di Metalli* in materiale biologico	200/campione
Interpretazione e analisi dei dati sperimentali ottenuti	120/h
Redazione di report finale	500/report

*Per la lista dettagliata degli EDCs vedi tabella 1

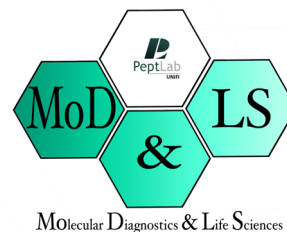
** Il costo dell'analisi per singolo campione dipende dal numero dei composti analizzati e dalla matrice.

Tutti gli importi sono riportati sono da considerarsi iva esclusa.

Le attività che non sono riconducibili a quelle riportate in questo tariffario saranno soggette ad apposita contrattazione.



UNIVERSITÀ
DEGLI STUDI
FIRENZE
PeptLab
INTERDEPARTMENTAL RESEARCH
UNIT OF PEPTIDE AND PROTEIN
CHEMISTRY AND BIOLOGY



Nel caso che il laboratorio MoD&LS abbia una partecipazione diretta al progetto di ricerca, non verranno conteggiate le spese relative al personale.

Condizione indispensabile perché il campione di origine biologica possa essere accettato è che risulti idoneo, accompagnato da un documento che ne certifichi natura, origine e contenente le informazioni anamnestiche.

In particolare, il documento dovrà attestare la NON PERICOLOSITA' BIOLOGICA del campione biologico (epatite, HIV, pertosse etc).

Il campione da sottoporre a più prove deve essere prelevato in quantità adeguata.

Il campione dovrà essere inviato previo accordo con il laboratorio MoD&LS ed accompagnato dal buono d'ordine. Il campione non sarà restituito.

Firenze, 11 Luglio, 2024



Tabella1..Lista degli 85 EDCs

Gruppi	Composto chimico	Abbreviazione	CAS
Bisfenoli	Bisphenol A 4,4'-(1-Methylethylidene)bisphenol	BPA	80-05-7
	Bisphenol S 4,4'-Sulfonylbisphenol	BPS	80-09-1
	Bisphenol F 4,4'-Methylenebisphenol	BPF	620-92-8
	Bisphenol F Bis(3-chloro-2-hydroxypropyl)ether 1-chloro-3-[4-[[4-(3-chloro-2-hydroxypropoxy)phenyl]methyl]phenoxy]propan-2-ol	BPFDE	374772-79-9
Parabeni	Methylparaben Methyl 4-hydroxybenzoate	MePB	99-76-3
	Ethylparaben Ethyl 4-hydroxybenzoate	EtPB	120-47-8
	n-Propylparaben Propyl 4-hydroxybenzoate	PrPB	94-13-3
	iso-Propylparaben Propan-2-yl 4-hydroxybenzoate	iPrPB	4191-73-5
	n-Butylparaben Butyl 4-hydroxybenzoate	BuPB	94-26-8
	iso-Butylparaben 2-Methylpropyl 4-hydroxybenzoate	iBuPB	4247-02-3
	Benzylparaben Propyl 4-hydroxybenzoate	BzPB	94-18-8
Idrocarburi Policiclici Aromatici (IPA)	Anthracene Anthracene	ANTHR	120-12-7
	Pyrene Pyrene	PYR	129-00-0
	Phenanthrene Phenanthrene	PHEN	85-02-8
	Chrysene Chrysene	CHRY	218-02-9
	Benz[a]anthracene Tetraphene	BAA	56-55-3
	Benzo[b]fluoranthene Benzo[e]acephenanthrylene	BKF	205-99-2
	Benzo[k]fluoranthene	BBF	207-08-9
	Benzo[a]pyrene Benzo[pqr]tetraphene	BAP	50-32-8
	Benzo[ghi]perylene Benzo[ghi]perylene	BGHIP	191-24-2
	Dibenz[a,h]anthracene Benzo[k]tetraphene	DAA	53-70-3
	Indeno[1,2,3-cd]pyrene Indeno[1,2,3-cd]pyrene	IND	193-39-5
Pesticidi polari	Glyphosate 2-(Phosphonomethylamino)acetic acid	GLY	1071-83-6
	Glufosinate 2-Amino-4-[hydroxy(methyl)phosphoryl]butanoic acid	GLUF	51276-47-2
	AMPA	AMPA	1066-51-9



Piretroidi e clorpirifos	(Aminomethyl)phosphonic acid		
	Cypermethrin [cyano-(3-phenoxyphenyl)methyl] 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropane-1-carboxylate	CP	52315-07-8
	Cyfluthrin [cyano-(4-fluoro-3-phenoxyphenyl)methyl] 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropane-1-carboxylate	CYFL	68359-37-5
Ftalati	Chlorpyrifos Diethoxy-sulfanylidene-(3,5,6-trichloropyridin-2-yl)oxy-λ5-phosphane	CPS	2921-88-2
	Dimethyl phthalate Dimethyl benzene-1,2-dicarboxylate	DMP	131-11-3
	* Monomethyl phthalate 2-(Methoxycarbonyl)benzoic acid	MMP	4376-18-5
	Diethyl phthalate Diethyl benzene-1,2-dicarboxylate	DEP	84-66-2
	* Monoethyl phthalate 2-(Ethoxycarbonyl)benzoic acid	MEP	2306-33-4
	Dibutyl phthalate Dibutyl benzene-1,2-dicarboxylate	DBP	84-74-2
	# Mono-n-butyl phthalate 2-(Butoxycarbonyl)benzoic acid	MBP	131-70-4
	Butylbenzyl phthalate 2-O-benzyl 1-O-butyl benzene-1,2-dicarboxylate	BBP	85-68-7
	* Monobenzyl phthalate 2-[(Benzyloxy)carbonyl]benzoic acid	MBzP	2528-16-7
	Di(2-ethylexyl) phthalate Di(2-ethylhexyl)benzene-1,2-dicarboxylate	DEHP	117-81-7
	* Mono(2-ethylexyl) phthalate 2-(2-Ethylhexoxycarbonyl)benzoic acid	MEHP	4376-20-9
	* Mono(2-ethyl-5-hydroxyhexyl) phthalate 2-(2-Ethyl-5-hydroxyhexoxycarbonyl)benzoic acid	MEHHP	40321-99-1
	* Mono(2-ethyl-5-oxohexyl) phthalate 2-(2-Ethyl-5-oxohexoxycarbonyl)benzoic acid	MEOHP	40321-98-0
	Di-n-octyl phthalate Dioctyl benzene-1,2-dicarboxylate	DNOP	117-84-0
	* Mono-octyl phthalate 2-(Octoxycarbonyl)benzoic acid	MnOP	5393-19-1
Composti perfluoroalchilici (PFAS)	2,2,3,3,4,4,4-heptafluorobutanoic acid Perfluoro-n-butanoic acid	PFBA	375-22-4
	2,2,3,3,4,4,5,5,5-nonafluoropentanoic acid Perfluoro-n-pentanoic acid	PFPeA	2706-90-3
	2,2,3,3,4,4,5,5,6,6,6-undecafluorohexanoic acid Perfluoro-n-hexanoic acid	PFHxA	307-24-4
	2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoroheptanoic acid Perfluoro-n-heptanoic acid	PFHPa	375-85-9
	2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluorooctanoic acid Perfluoro-n-octanoic acid	PFOA	335-67-1
	2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononanoic acid Perfluoro-n-nonanoic acid	PFNA	375-95-1
	2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-nonadecafluorodecanoic acid Perfluoro-n-decanoic acid	PFDA	335-76-2



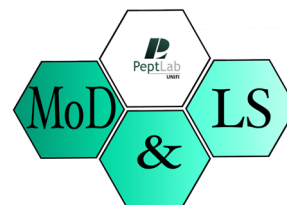
	2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-henicosafuoroundecanoic acid Perfluoro-n-undecanoic acid	PFUnDA	2058-94-8
	2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-tricosafuorododecanoic acid Perfluoro-n-dodecanoic acid	PFDODA	307-55-1
	2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13-pentacosafuorotridecanoic acid Perfluoro-n-tridecanoic acid	PFTTrDA	72629-94-8
	2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14-heptacosafuorotetradecanoic acid Perfluoro-n-tetradecanoic acid	PFTreDA	376-06-7
	1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonic acid Perfluoro-1 butanesulphonamide	PFBS	375-73-5
	1,1,2,2,3,3,4,4,5,5,5-undecafluoropentane-1-sulfonic acid Perfluoropentanesulphonic acid	PFPeS	2706-91-4
	1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexane-1-sulfonic acid Perfluorohexanesulphonic acid	PFHxS	355-46-4
	1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoroheptane-1-sulfonic acid Perfluoroheptanesulphonic acid	PFHpS	375-92-8
	1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane-1-sulfonic acid Perfluorooctanesulphonic acid	PFOS	1763-23-1
	1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-nonadecafluorononane-1-sulfonic acid Perfluorononanesulfonic acid	PFNS	68259-
	1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-pentacosafuorododecane-1-sulfonic acid Perfluorododecanesulfonic acid	PFDS	79780-39-5
	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)propanoic acid 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoic acid	GenX (HFPO-DA)	13252-13-6
	2,2,3-trifluoro-3-[1,1,2,2,3,3-hexafluoro-3-(trifluoromethoxy)propoxy]propanoic acid 4,8-Dioxa-3H-perfluorononanoic acid	ADONA	919005-14-4
	2-(6-chloro-1,1,2,2,3,3,4,4,5,5,6,6-dodecafluorohexoxy)-1,1,2,2-tetrafluoroethanesulfonic acid Perfluoro(2-((6-chlorohexyl)oxy)ethanesulfonic acid)	9Cl-PF3ONS	756426-58-1
	2-(8-chloro-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-hexadecafluorooctoxy)-1,1,2,2-tetrafluoroethanesulfonic acid 11-chloroeicosafuoro-3-oxaundecane-1-sulfonic acid	11Cl-PF3OUdS	763051-92-9
	1H,1H,2H,2H-Perfluorohexanesulphonic acid 3,3,4,4,5,5,6,6,6-nonafluorohexane-1-sulfonic acid	4 :2 FTS	757124-72-4
	1H,1H,2H,2H-perfluorooctanesulfonic acid 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctane-1-sulfonic acid	6:2 FTS	27619-97-2
	31H,1H,2H,2H-Perfluorodecanesulfonic acid 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecane-1-sulfonic acid	8 :2 FTS	39108-34-4
	1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonamide Perfluorobutane Sulfonamide	FBSA	30334-69-1
	Perfluorooctanesulfonamide 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane-1-sulfonamide	FOSA	754-91-6
Metalli	Aluminum	Al	7429-90-5
	Arsenic	As	7440-38-2



UNIVERSITÀ
DEGLI STUDI
FIRENZE

PeptLab

INTERDEPARTMENTAL RESEARCH
UNIT OF PEPTIDE AND PROTEIN
CHEMISTRY AND BIOLOGY



Molecular Diagnostics & Life Sciences

	<i>Barium</i>	Ba	7440-39-3
	<i>Bismuth</i>	Bi	7440-69-9
	<i>Cadmium</i>	Cd	7440-43-9
	<i>Cobalt</i>	Co	7440-48-4
	<i>Chromium</i>	Cr	7440-47-3
	<i>Copper</i>	Cu	7440-50-8
	<i>Manganese</i>	Mn	7439-96-5
	<i>Molybdenum</i>	Mo	7439-98-7
	<i>Nickel</i>	Ni	7440-02-0
	<i>Lead</i>	Pb	7439-92-1
	<i>Titanium</i>	Ti	7440-32-6
	<i>Thallium</i>	Tl	7440-28-0
	<i>Vanadium</i>	V	7440-62-2
	<i>Zinc</i>	Zn	7440-66-6