



Crossreactivities in TECO® Vitellogenin-ELISA

For Research Use Only

Fish	Species	Family	cross- reaction	Recommended Dilution Range		
				Serum	WBH/Liver	Mucus
TECO® Vitellogenin Cyprinid				Cat. No.: TE1037		
Carp	Cyprinus carpio	Cyprinidae	+++	1:1k-1:1M		conc.-1:100
Goldfish	Carassius gibelio auratus	Cyprinidae	+++	1:1k-1:1M		conc.-1:100
Zebrafish	Danio rerio	Cyprinidae	++	1:1k-1:100k	1:1k-1:100k	conc.-1:100
Fathead minnow	Pimephales promelas	Cyprinidae	++			conc.-1:10
Common bream / freshwater bream / bronze bream / carp bream	Abramis brama	Cyprinidae	+++			1:10-1:100
Roach	Rutilus rutilus	Cyprinidae	+++			conc.-1:100
Common rudd	Scardinius erythrophthalmus	Cyprinidae	+++			conc.-1:10
Chub	Squalius cephalus	Cyprinidae	+++			conc.-1:100
Common nase	Chondrostoma nasus	Cyprinidae	+++			conc.-1:100
Bleak	Alburnus alburnus	Cyprinidae	++			conc.-1:10
Neon Tetra	Paracheirodon innesi	Characidae	+	1:100		conc.
Gudgeon	Gobio gobio	Cyprinidae	+++			conc.-1:10
Common dace	Leuciscus leuciscus	Cyprinidae	+++			conc.-1:10
Stone loach	Barbatula barbatula	Nemacheilidae	++			conc.-1:10
Common minnow	Phoxinus phoxinus	Cyprinidae	+++			conc.-1:10
TECO® Vitellogenin Cyprinid REACH				Cat. No.: TE1040		
Carp	Cyprinus carpio	Cyprinidae	+++	1:1k-1:1M		conc.-1:100
Goldfish	Carassius gibelio auratus	Cyprinidae	+++	1:1k-1:1M		conc.-1:100
Zebrafish	Danio rerio	Cyprinidae	++	1:1k-1:100k	1:1k-1:100k	conc.-1:100
Fathead minnow	Pimephales promelas	Cyprinidae	++			conc.-1:10
TECO® Vitellogenin Perch (Perciformes)				Cat. No.: TE1035		
Tilapia	Oreochromis niloticus	Cichlidae	+++			conc.
Bluegill	Lepomis macrochirus	Centrarchidae	+	1:100		conc.
European perch / perch / redfin perch / English perch	Perca fluviatilis	Percidae	+			conc.
Ruffe	Gymnocephalus cernua	Percidae	+			conc.
Goby		Gobiidae	+			conc.
Three-spined stickleback	Gasterosteus aculeatus	Gasterosteidae	+			conc.
TECO® Vitellogenin Perch (Perciformes) REACH				Cat. No.: TE1039		
Tilapia	Oreochromis niloticus	Cichlidae	+++			conc.
Bluegill	Lepomis macrochirus	Centrarchidae	+	1:100		conc.

Fish	Species		Family	cross-reaction	Recommended Dilution Range		
					Serum	WBH/Liver	Mucus
TECO® Vitellogenin Multi Species					Cat. No.: TE1042		
Japanese rice fish	Oryzias latipes		Adrianichthyidae	+++	1:1k-1:100k	1:1k-1:100k	conc.-1:10
Australian rainbowfish	Melanotaenia praecox		Melanotaeniidae	+++			conc.-1:100
Atlantic cod	Gadus morhua		Gadidae	++	1:100-1:10k	1:100-1:10k	conc.-1:10
Common dab	Limanda limanda		Pleuronectidae	++	1:1k-1:10k	1:1k-1:10k	1:10-1:100
European plaice	Pleuronectes platessa		Pleuronectidae	++	1:100-1:10k	1:100-1:10k	conc.-1:100
European flounder	Platichthys flesus		Pleuronectidae	++	1:100-1:10k	1:100-1:10k	conc.-1:100
Atlantic herring	Clupea harengus		Clupeidae	?	1:100-1:10k	1:100-1:10k	conc.-1:10
TECO® Vitellogenin Medaka REACH					Cat. No.: TE1043		
Japanese rice fish	Oryzias latipes		Adrianichthyidae	+++	1:1k-1:100k	1:1k-1:100k	conc.-1:10
Assays in preparation							
TECO® Vitellogenin Salmonid					Cat. No.: TE1047		
Atlantic salmon	Salmo salar		Salmonidea	+++			
Brown trout	Salmo trutta		Salmonidea	+++			
Chum salmon	Oncorhynchus keta		Salmonidea	+++			
Pink salmon / humpback salmon	Oncorhynchus gorbuscha		Salmonidea	+++			
Rainbow trout	Oncorhynchus mykiss		Salmonidea	+++			conc.-1:100
Brook trout	Salvelinus fontinalis		Salmonidea	+++			
Common whitefish, European whitefish	Coregonus lavaretus		Salmonidea	++?*			
Maraena whitefish	Coregonus maraena		Salmonidea	++?*			
TECO® Vitellogenin Salmonid (Ultra-Sensitive)					Cat. No.: TE1046		
Atlantic salmon	Salmo salar		Salmonidea	+++			
Brown trout	Salmo trutta		Salmonidea	+++			
Chum salmon	Oncorhynchus keta		Salmonidea	+++			
Pink salmon / humpback salmon	Oncorhynchus gorbuscha		Salmonidea	+++			
Rainbow trout	Oncorhynchus mykiss		Salmonidea	+++			
Brook trout	Salvelinus fontinalis		Salmonidea	+++			
Common whitefish, European whitefish	Coregonus lavaretus		Salmonidea	++?*			
Maraena whitefish	Coregonus maraena		Salmonidea	++?*			
Legend							
	+++	high (nearly 100%)		o	weak		
	++	medium		*	Vitellogenin instability		
	+	useful in exposition treatments					