



# Crossreactivities in TECO® Vitellogenin-ELISA

For Research Use Only

Fish	Species	Family	cross-reaction	Recommended Dilution Range		
				Serum	WBH/Liver	Mucus
<b>TECO® Vitellogenin Cyprinid</b>				<b>Cat. No.: TE1037</b>		
<b>Carp</b>	Cyprinus carpio	Cyprinidae	+++	1:1k-1:1M		conc.-1:100
<b>Goldfish</b>	Carassius gibelio auratus	Cyprinidae	+++	1:1k-1:1M		conc.-1:100
<b>Zebrafish</b>	Danio rerio	Cyprinidae	++	1:1k-1:100k	1:1k-1:100k	conc.-1:100
<b>Fathead minnow</b>	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
<b>TECO® Vitellogenin Cyprinid REACH</b>				<b>Cat. No.: TE1040</b>		
<b>Carp</b>	Cyprinus carpio	Cyprinidae	+++	1:1k-1:1M		conc.-1:100
<b>Goldfish</b>	Carassius gibelio auratus	Cyprinidae	+++	1:1k-1:1M		conc.-1:100
<b>Zebrafish</b>	Danio rerio	Cyprinidae	++	1:1k-1:100k	1:1k-1:100k	conc.-1:100
<b>Fathead minnow</b>	Pimephales promelas	Cyprinidae	++			conc.-1:10
<b>TECO® Vitellogenin Perch (Perciformes)</b>				<b>Cat. No.: TE1035</b>		
<b>Tilapia</b>	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.
<b>TECO® Vitellogenin Perch (Perciformes) REACH</b>				<b>Cat. No.: TE1039</b>		
<b>Tilapia</b>	Oreochromis niloticus	Cichlidae	+++			conc.
Bluegill	Lepomis macrochirus	Centrarchidae	+	1:100		conc.

Fish	Species	Family	cross-reaction	Recommended Dilution Range		
				Serum	WBH/Liver	Mucus
<b>TECO® Vitellogenin Multi Species</b>				<b>Cat. No.: TE1042</b>		
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
<b>TECO® Vitellogenin Medaka REACH</b>				<b>Cat. No.: TE1043</b>		
Japanese rice fish	Oryzias latipes	Adrianichthyidae	+++	1:1k-1:100k	1:1k-1:100k	conc.-1:10
<i>Assays in preparation</i>						
<b>TECO® Vitellogenin Salmonid</b>				<b>Cat. No.: TE1047</b>		
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	++?*			
<b>TECO® Vitellogenin Salmonid (Ultra-Sensitive)</b>				<b>Cat. No.: TE1046</b>		
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	++?*			
<b>Legend</b>						
	+++	high (nearly 100%)	o	weak		
	++	medium	*	Vitellogenin instability		
	+	useful in exposition treatments				