



## Cross-reactivities in TECO® Vitellogenin-ELISA

For Research Use Only. Not for use in diagnostic procedures.

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
<b>Common bream / freshwater bream / bronze bream / carp bream</b>	Abramis brama	Cyprinidae	+++			1:10-1:100
<b>Roach</b>	Rutilus rutilus	Cyprinidae	+++			conc.-1:100
<b>Common rudd</b>	Scardinius erythrophthalmus	Cyprinidae	+++			conc.-1:10
<b>Chub</b>	Squalius cephalus	Cyprinidae	+++			conc.-1:100
<b>Common nase</b>	Chondrostoma nasus	Cyprinidae	+++			conc.-1:100
<b>Bleak</b>	Alburnus alburnus	Cyprinidae	++			conc.-1:10
<b>Neon Tetra</b>	Paracheirodon innesi	Characidae	+	1:100		conc.
<b>Gudgeon</b>	Gobio gobio	Cyprinidae	+++			conc.-1:10
<b>Common dace</b>	Leuciscus leuciscus	Cyprinidae	+++			conc.-1:10
<b>Stone loach</b>	Barbatula barbatula	Nemacheilidae	++			conc.-1:10
<b>Common minnow</b>	Phoxinus phoxinus	Cyprinidae	+++			conc.-1:10
<b>TECO® Vitellogenin Cyprinid Ultra-Sensitive</b>				<b>Cat. No.: TE1046</b>		
<b>Carp</b>	Cyprinus carpio	Cyprinidae	+++			
<b>Goldfish</b>	Carassius gibelio auratus	Cyprinidae	+++			
<b>Zebrafish</b>	Danio rerio	Cyprinidae	++			
<b>Fathead minnow</b>	Pimephales promelas	Cyprinidae	++			
<b>Common bream / freshwater bream / bronze bream / carp bream</b>	Abramis brama	Cyprinidae	+++			
<b>Roach</b>	Rutilus rutilus	Cyprinidae	+++			
<b>Common rudd</b>	Scardinius erythrophthalmus	Cyprinidae	+++			
<b>Chub</b>	Squalius cephalus	Cyprinidae	+++			
<b>Common nase</b>	Chondrostoma nasus	Cyprinidae	+++			
<b>Bleak</b>	Alburnus alburnus	Cyprinidae	++			
<b>Neon Tetra</b>	Paracheirodon innesi	Characidae	+			
<b>Gudgeon</b>	Gobio gobio	Cyprinidae	+++			
<b>Common dace</b>	Leuciscus leuciscus	Cyprinidae	+++			
<b>Stone loach</b>	Barbatula barbatula	Nemacheilidae	++			
<b>Common minnow</b>	Phoxinus phoxinus	Cyprinidae	+++			

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Fish	Species	Family	cross-reaction	Recommended Dilution Range		
				Serum	WBH/Liver	Mucus
<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 Multi Species</b>				<b>Cat. No.: TE1042</b>		
<b>Japanese rice fish</b>	Oryzias latipes	Adrianichthyidae	+++	1:1k-1:100k	1:1k-1:100k	conc.-1:10
<b>Australian rainbowfish</b>	Melanotaenia praecox	Melanotaeniidae	+++			conc.-1:100
<b>Atlantic cod</b>	Gadus morhua	Gadidae	++	1:100-1:10k	1:100-1:10k	conc.-1:10
<b>Common dab</b>	Limanda limanda	Pleuronectidae	++	1:1k-1:10k	1:1k-1:10k	1:10-1:100
<b>European plaice</b>	Pleuronectes platessa	Pleuronectidae	++	1:100-1:10k	1:100-1:10k	conc.-1:100
<b>European flounder</b>	Platichthys flesus	Pleuronectidae	++	1:100-1:10k	1:100-1:10k	conc.-1:100
<b>Atlantic herring</b>	Clupea harengus	Clupeidae	?	1:100-1:10k	1:100-1:10k	conc.-1:10
<b>TECO® Vitellogenin Salmonid</b>				<b>Cat. No.: TE1047</b>		
<b>Atlantic salmon</b>	Salmo salar	Salmonidea	+++			
<b>Brown trout</b>	Salmo trutta	Salmonidea	+++			
<b>Chum salmon</b>	Oncorhynchus keta	Salmonidea	+++			
<b>Pink salmon / humpback salmon</b>	Oncorhynchus gorbuscha	Salmonidea	+++			
<b>Rainbow trout</b>	Oncorhynchus mykiss	Salmonidea	+++			conc.-1:100
<b>Brook trout</b>	Salvelinus fontinalis	Salmonidea	+++			
<b>Common whitefish, European whitefish</b>	Coregonus lavaretus	Salmonidea	++?*			
<b>Maraena whitefish</b>	Coregonus maraena	Salmonidea	++?*			
<b>TECO® Vitellogenin Salmonid (Ultra-Sensitive)</b>				<b>Cat. No.: TE1049</b>		
<b>Atlantic salmon</b>	Salmo salar	Salmonidea	+++			
<b>Brown trout</b>	Salmo trutta	Salmonidea	+++			
<b>Chum salmon</b>	Oncorhynchus keta	Salmonidea	+++			
<b>Pink salmon / humpback salmon</b>	Oncorhynchus gorbuscha	Salmonidea	+++			
<b>Rainbow trout</b>	Oncorhynchus mykiss	Salmonidea	+++			
<b>Brook trout</b>	Salvelinus fontinalis	Salmonidea	+++			
<b>Common whitefish, European whitefish</b>	Coregonus lavaretus	Salmonidea	++?*			
<b>Maraena whitefish</b>	Coregonus maraena	Salmonidea	++?*			
<b>Legend</b>						
	+++	high (nearly 100%)	o	weak		
	++	medium	*	Vitellogenin instability		
	+	useful in exposition treatments				