

## Rottweilers Needed to Participate in Cataract Research



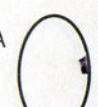
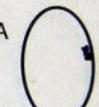
Optigen is searching for Rottweilers owners whose dogs have been diagnosed with Bilateral, Posterior Subcapsular type that typically develop between 1.5 yrs. and 3 yrs. of age. These cataracts normally appear in routine eye examinations as small triangles in the back of the lens. For samples to qualify for the research, the eye exam report should indicate posterior cortex, marked in the lens box (see example) and the ophthalmologist should draw on the lens diagram the shape and location of the cataract.

The eye exam report, a five generation pedigree and a blood sample (3-5 ml whole unclotted blood in a lavender top tube) are required to be in the study and may be submitted along with the Cataract Research form to OptiGen.

If possible, both parents of the affect subject are needed in the study, along with their eye examinations. As many related dogs known to also have this type of cataract, providing that information and the relationship to the affected dogs will be helpful to identify the marker for carriers.

With your help and participation we could have a DNA test to identify carriers and help you make informed breeding decisions.

For additional information and to obtain the Cataract Research form for submitting a sample,  
please contact Sue Pearce-Kelling at [suepk@optigen.com](mailto:suepk@optigen.com)

CATARACT		LENS						CATARACT	
		Incomp.	Incip.	Punc.		Punc.	Incip.		
T  N	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	anterior cortex	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N  T	
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	posterior cortex	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	equatorial cortex	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	anterior sutures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	posterior sutures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
A  P	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	nucleus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A  P	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	capsular	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/>	generalized/complete				<input type="checkbox"/>			
	<input type="checkbox"/>	resorbing/hypermature				<input type="checkbox"/>			
	<input type="checkbox"/>	significance of cataract unknown				<input type="checkbox"/>			
	<input type="checkbox"/>	subluxation/luxation				<input type="checkbox"/>			
		VITREOUS							
ant. chamber syneresis <input type="checkbox"/>	<input type="checkbox"/>	PHPV/PTVL				<input type="checkbox"/>	syneresis ant. chamber <input type="checkbox"/>		
	<input type="checkbox"/>	persistent hyaloid artery				<input type="checkbox"/>			
		degenerarion							

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