





# Disease and Trait List



△ The patented technology underlying these tests are exclusively licensed by Optigen to Genomic Diagnostics in Australia & Asia.

\* Puppy price available for dogs under the age of 6 months (CEA/CH & PRCD only) - See pricelist for details

Disease/Trait	Breeds Affected
Coat Colour (CCT)	Afghan Hound, Australian Shepherd, Belgian Shepherd, Border Collie, Briard, Brittany, Cocker Spaniel, Collie, Curly Coated Retriever, Dachshund, Dalmatian, Dobermann, English Setter, English Springer Spaniel, Field Spaniel, Flat Coated Retriever, French Bulldog, German Shepherd Dog, German Shorthaired Pointer, German Wirehaired Pointer, Great Dane, Greyhound, Japanese Chin, Labrador Retriever, Large Munsterlander, Lowchen, Newfoundland, Pointer, Pomeranian, Poodle, Portuguese Water Dog, Pug, Schnauzer, Shar Pei, Shetland Sheepdog, Staffordshire Bull Terrier, Cardigan Welsh Corgi, Whippet.
Collie Eye Anomaly/Choroidal Hypoplasia (CEA/CH) △ *	Australian Shepherd, Border Collie, Collie (Smooth/Rough), Nova Scotia Duck Tolling Retriever, Shetland Sheepdog
Cystinuria (CYN) △	Newfoundland, Labrador Retriever
Degenerative Myelopathy (DM)	Bernese Mountain Dog, Boxer, Chesapeake Bay Retriever, Fox Terrier (Wire Haired), German Shepherd Dog, Golden Retriever, Great Pyrenees, Kerry Blue Terrier, Standard Poodle, Pug, Rhodesian Ridgeback, Shetland Sheepdog, Soft Coated Wheaten Terrier, Welsh Corgi (Cardigan) and Welsh Corgi (Pembroke).
Exercise Induced Collapse (EIC)	Chesapeake Bay Retriever, Curly Coated Retriever, German Wirehaired Pointer, Labrador Retriever, Welsh Corgi (Pembroke)
Familial Nephropathy (FN)	Cocker Spaniel
Hereditary Cataract (HC)	Australian Shepherd (Dominant), Border Collie, Boston Terrier (Juvenile), French Bulldog, Staffordshire Terrier
Ivermectin Sensitivity MDR1 (IVM)	Australian Shepherd, Border Collie, Collie (Rough), Old English Sheep Dog, Shetland Sheepdog
L-2-hydroxyglutaric Aciduria (L2-HGA)	Staffordshire Bull Terrier
Long Hair Gene (LHG)	Various breeds - please consult pricelist for comprehensive list
Natural Bob Tail (NBT)	Australian Shepherd, Boxer, Dobermann, Rottweiler, Tenterfield Terrier
Neuronal Ceroid Lipofuscinosis (NCL)	Border Collie
Primary Lens Luxation (PLL)	Australian Cattle Dog, Bull Terrier, Chinese Crested Dog, Jack Russell Terrier, Miniature Bull Terrier, Parson Russell Terrier, Sealyham Terrier, Tenterfield Terrier, Tibetan Terrier, Welsh Terrier
Progressive Retinal Atrophy (Type A) △	Miniature Schnauzer
Progressive Retinal Atrophy (X-linked) △	Samoyed, Siberian Husky
Progressive Retinal Atrophy (PRCD) △ *	American Cocker Spaniel, Australian Cattle Dog, Australian Shepherd, Australian Silky Terrier, Australian Stumpy Tail Cattle Dog, Cocker Spaniel, Chesapeake Bay Retriever, Chinese Crested, Finnish Lapphund, Golden Retriever, Kuvasz, Labrador Retriever, Nova Scotia Duck Tolling Retriever, Poodle (Miniature/Toy), Portugese Water Dog, Spanish Water Dog, Swedish Lapphund, Yorkshire Terrier
Progressive Retinal Atrophy (CORD1 PRA)	Dachshund (Miniature Long-Haired), Dachshund (Miniature Smooth Haired), Dachshund (Miniature Wire Haired), English Springer Spaniel
Von Willebrand's Disease (vWD) Type 1	Australian Terrier, Bernese Mountain Dog, Dobermann, German Pinscher, Kerry Blue Terrier, Papillon, Poodle (Standard), Welsh Corgi (Pembroke)
Von Willebrand's Disease (vWD) Type 3	Scottish Terrier, Shetland Sheepdog