



**THE KENNEL CLUB
DOG HEALTH**

Dog Health Group report 2014

DNA TEST RESULT SUMMARY BY BREED

Data Calculated to 01/11/14

The following summary covers the results of all breeds that have had Kennel Club registered dogs DNA tested under an official Kennel Club DNA testing scheme in the last 15 years. This data is further broken down by test result.

Breed	No. tested		Clear		Carrier		Affected		Hereditary clear		Hereditary Carrier		Hereditary Affected	
	15 years	2014	15 years	2014	15 years	2014	15 years	2014	15 years	2014	15 years	2014	15 years	2014
Australian Cattle Dog														
prcd-PRA	39	0	26	0	12	0	1	0	83	0	7	0	0	0
Australian Shepherd														
CEA/CH	91	2	80	1	11	1	0	0	163	12	0	0	0	0
HC-HSF4	141	10	125	8	2		14	2	284	35	0	0	0	0
MDR1	118	19	53	5	47	5	18	9	15	0	1	0	0	0
prcd-PRA	79	1	79	1	0	0	0	0	169	0	0	0	0	0
Beagle														
MLS	866	67	770	55	94	12	2	0	6050	1283	0	0	0	0
NCCD	511	100	476	95	35	5	0	0	2967	888	0	0	0	0
Bearded Collie														
CEA/CH	149	148	142	142	6	6	1	0	304	102	0	0	0	0
Bedlington Terrier														
COMMD1	191	44	157	40	32	3	2	1	213	108	0	0	0	0
Border Collie														
CEA/CH	792	57	656	45	135	12	1	0	3634	357	5	0	0	0

CL	583	42	569	41	14	1	0	0	2845	194				
TNS	832	39	745	36	87	3	0	0	4119	303	0	0	0	0
Boston Terrier														
HC-HSF4	567	81	532	67	35	14	0	0	4233	917	0	0	0	0
Briard														
CSNB	240	17	187	13	52	4	1	0	881	91	0	0	0	0
Bull Terrier (Miniature)														
PLL	449	75	266	42	174	33	9	0	549	57	3	0	0	0
Bulldog														
HUU	656	213	478	154	162	56	16	3	582	209	15	7	0	0
Cavalier King Charles Spaniel														
CC/DE	1479	375	1363	352	114	22	2	1	3040	1030	0	0		
EF	1487	377	1219	290	245	75	23	12	2766	934	19	6	0	0
Chinese Crested														
PLL	138	35	92	17	45	18	1	0	304	32	0	0	0	0
prcd-PRA	27	7	27	7	0	0	0	0	32	6	0	0	0	0
Collie (Rough)														
CEA/CH	17	2	6	1	9	1	2	0	3	0	5	0	0	0
DM	6	2	5	2	1	0	0	0	0	0	0	0	0	0
MDR1	145	29	57	6	65	16	23	7	30	5	0	0	0	0
PRA (rcd2)	3	0	3	0	0	0	0	0	5	5	0	0	0	0
Collie (Smooth)														
CEA/CH	28	2	13	2	14	0	1	0	3	0	7	0	0	0
DM	14	3	12	3	2	0	0	0	0	0	0	0	0	0
MDR1	68	1	13	1	26	0	29	0	0	0	6	0	16	0
PRA (rcd2)	7	1	7	1	0	0	0	0	7	0	0	0	0	0
Dachshund (Miniature Long-Haired)														
PRA (cord1)	1659	101	803	59	748	41	108	1	2559	392	240	1	24	0
Dachshund (Miniature Smooth-Haired)														
PRA (cord1)	2338	310	1003	163	1062	125	273	22	3487	1012	628	69	35	0
Dachshund (Miniature Wire-Haired)														
Lafora's	326	180	184	105	119	67	23	8	347	167	18	2	0	0
PRA (cord1)	405	41	325	31	77	10	3	0	941	242	17	0	0	0

vWD	142	7	112	6	29	1	1	0	641	114	0	0	0	0
Newfoundland														
CU	240	33	190	22	50	11	0	0	1142	243	0	0	0	0
Norwegian Elkhound														
prcd-PRA	165	10	88	6	67	4	10	0	258	44	4	0	6	0
Old English Sheepdog														
PCD	75	14	73	14	2	0	0	0	230	100	0	0	0	0
Papillon														
Pap-PRA1	49	35	49	35	0	0	0	0	36	16	0	0	0	0
Parson Russell Terrier														
LOA	228	17	183	13	41	2	4	2	490	155	0	0	0	0
PLL	399	23	287	19	109	4	3	0	1154	179	7	0	0	0
SCA	58	20	57	20	1	0	0	0	195	81	0	0	0	0
Poodle (Miniature)														
prcd-PRA	494	47	394	36	98	11	2	0	1766	273	0	0	0	0
Poodle (Standard)														
vWD	35	7	35	7	0	0	0	0	59	16	0	0	0	0
Poodle (Toy)														
prcd-PRA	649	35	487	28	152	6	10	1	2223	159	28	4	0	0
Portuguese Water Dog														
prcd-PRA	73	12	41	8	31	4	1	0	174	27	0	0	0	0
Retriever (Chesapeake Bay)														
DM	89	2	61	1	24	1	4	0	454	55	0	0	0	0
prcd-PRA	25	1	20	1	5	0	0	0	487	37	0	0	0	0
Retriever (Golden)														
GR_PRA1	703	155	658	146	41	8	4	1	3069	957	25	7	0	0
GR_PRA2	619	158	592	154	27	4	0	0	2716	970	0	0	0	0
ICT-A	13	9	6	2	7	7	0	0	0	0	0	0	0	0
Retriever (Labrador)														
CNM	1595	226	1454	206	134	19	7	1	9122	2464	0	0	0	0
EIC	581	201	485	171	80	25	16	5	1203	372	21	8	0	0
prcd-PRA	2673	177	2105	140	539	36	29	1	16616	2840	75	0	0	0
SD2	3	3	3	3	0	0	0	0	3	2	0	0	0	0

Retriever (Nova Scotia Duck Tolling)														
CEA/CH	146	6	135	5	11	1	0	0	880	128	0	0	0	0
DM	40	20	31	17	9	3	0	0	27	9	0	0	0	0
prcd-PRA	180	10	111	6	64	4	5	0	486	85	3	0	0	0
Russian Black Terrier														
HUU	76	15	18	6	42	6	16	3	11	0	5	0	0	0
Schipperke														
MPSIIIB	18	4	18	4	0	0	0	0	23	5	0	0	0	0
Sealyham Terrier														
PLL	240	19	99	7	132	12	9	0	109	30	6	0	0	0
Shetland Sheepdog														
CEA/CH	145	22	94	16	51	6	0	0	64	7	0	0	0	0
MDR1	48	25	22	12	16	8	10	5	0	0	4	0	0	0
vWD	1	1	0	0	1	1	0	0	0	0	0	0	0	0
Spaniel (Clumber)														
PDP-1	174	3	170	3	4	0	0	0	1255	167	0	0	0	0
Spaniel (Cocker)														
FN	1934	216	1916	215	18	1	0	0	17318	3220	0	0	0	0
prcd-PRA	2490	203	1689	166	715	37	86	0	13520	2392	487	5	10	0
Spaniel (English Springer)														
Fuco.	775	105	768	105	7	0	0	0	5148	769	0	0	0	0
PFK	133	33	133	33	0	0	0	0	529	164	0	0	0	0
PRA (cord1)	869	122	668	100	188	22	13	0	3282	598	78	9	0	0
Spanish Water Dog														
prcd-PRA	65	7	52	5	13	2	0	0	87	33	0	0	0	0
Staffordshire Bull Terrier														
HC-HSF4	2206	75	2131	73	75	2	0	0	19789	1916	0	0	0	0
L-2HGA	2451	85	2223	83	224	2	4	0	20406	1984	0	0	0	0
Tibetan Spaniel														
PRA3	135	54	122	48	13	6	0	0	194	41	0	0	0	0
Tibetan Terrier														
NCL	775	66	615	45	152	18	8	3	3825	904	6	0	0	0
PLL	1166	48	810	30	340	18	16	0	4840	954	2	0	0	0

PRA (rcd4)	293	95	177	59	105	33	11	3	440	166	16	7	0	0
PRA3	217	81	215	80	2	1	0	0	854	268	0	0	0	0
Welsh Corgi (Cardigan)														
PRA (rcd3)	47	1	45	1	2	0	0	0	781	91	0	0	0	0