



**THE KENNEL CLUB
DOG HEALTH**

Dog Health Group report 2015

DNA TEST RESULT SUMMARY BY BREED

Data Calculated to 01/01/16

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	TOTAL NUMBER TESTED		CLEAR		CARRIER		AFFECTED		HEREDITARILY CLEAR		HEREDITARILY CARRIER		HEREDITARILY AFFECTED	
	15 years	2015	15 years	2015	15 years	2015	15 years	2015	15 years	2015	15 years	2015	15 years	2015
Alaskan Malamute														
AMPN	89	47	80	40	9	7	0	0	142	22	0	0	0	0
CD	10	4	10	4	0	0	0	0	1	1	0	0	0	0
Australian Cattle Dog														
prcd-PRA	41	2	28	2	12	0	1	0	83	0	7	0	0	0
Australian Shepherd														
CEA/CH	96	4	85	4	11	0	0	0	191	11	0	0	0	0
HC-HSF4	163	12	144	11	2	0	17	1	372	48	0	0	0	0
MDR1	140	19	61	6	56	8	23	5	15	0	16	15	0	0
prcd-PRA	83	3	83	3	0	0	0	0	195	11	0	0	0	0
Basset Griffon Vendeen (Petit)														
POAG	253	253	114	114	121	121	18	18	73	16	1	0	0	0
Beagle														
FVIID	68	41	44	24	21	15	3	2	55	32	0	0	0	0
IGS	76	57	70	52	6	5	0	0	111	51	0	0	0	0
MLS	927	46	822	39	103	7	2	0	7659	1334	0	0	0	0
NCCD	581	55	536	47	45	8	0	0	4097	897	0	0	0	0
Bearded Collie														
CEA/CH	198	47	191	47	6	0	1	0	487	78	0	0	0	0

Bedlington Terrier														
COMMD1	266	64	211	44	52	19	3	1	323	96	0	0	0	0
Border Collie														
CEA/CH	844	36	704	34	138	1	2	1	4198	289	5	0	0	0
CL	672	64	651	57	21	7	0	0	3210	249	0	0	0	0
IGS	136	104	136	104	0	0	0	0	217	40	0	0	0	0
MDR1	114	70	114	70	0	0	0	0	126	25	0	0	0	0
TNS	908	50	817	48	91	2	0	0	4613	288	0	0	0	0
Boston Terrier														
HC-HSF4	670	90	632	87	38	3	0	0	5688	1263	0	0	0	0
Briard	256	12	202	11	53	1	1	0	1045	143	0	0	0	0
CSNB	256	12	202	11	53	1	1	0	1045	143	0	0	0	0
Bull Terrier (Miniature)														
PLL	496	30	291	15	196	15	9	0	666	92	7	0	0	0
Bulldog														
HUU	1028	336	729	228	276	102	23	6	1146	444	27	7	0	0
Cavalier King Charles Spaniel														
CC/DE	1752	216	1612	196	138	20	2	0	4913	1291	0	0	0	0
EF	1787	247	1450	196	312	49	25	2	4464	1127	27	6	0	0
Chesapeake Bay Retriever														
DM	89	0	61	0	24	0	4	0	471	17	0	0	0	0
prcd-PRA	25	6	21	6	4	0	0	0	490	12	0	0	0	0
Chinese Crested														
PLL	171	23	111	15	59	8	1	0	358	37	0	0	0	0
prcd-PRA	40	9	39	8	1	1	0	0	50	3	0	0	0	0
Clumber Spaniel														
EIC	118	118	63	63	51	51	4	4	94	18	0	0	0	0
PDP-1	189	14	185	14	4	0	0	0	1417	137	0	0	0	0
Cocker Spaniel														
AMS	55	52	51	48	4	4	0	0	77	29	0	0	0	0
FN	2219	226	2197	223	22	3	0	0	21403	3267	0	0	0	0
prcd-PRA	2659	134	1821	104	750	29	88	1	16445	2408	508	14	10	0
Collie (Rough)														
CEA/CH	18	2	6	0	8	0	4	2	3	0	5	0	0	0
DM	20	14	7	2	13	12	0	0	0	0	0	0	0	0
MDR1	196	42	69	9	88	20	39	13	31	1	0	0	0	0
PRA (rcd2)	3	0	3	0	0	0	0	0	5	0	0	0	0	0

Collie (Smooth)														
CEA/CH	28	0	13	0	14	0	1	0	3	0	7	0	0	0
DM	22	1	19	1	3	0	0	0	20	20	0	0	0	0
MDR1	80	7	14	0	34	5	32	2	12	12	5	0	28	0
PRA (rcd2)	10	0	10	0	0	0	0	0	7	0	0	0	0	0
Dachshund (Miniature Long-Haired)														
PRA (cord1)	1774	88	872	51	793	36	109	1	3156	495	252	10	24	0
Dachshund (Miniature Smooth-Haired)														
PRA (cord1)	2736	331	1227	186	1221	133	288	12	5309	1566	717	60	34	0
Dachshund (Miniature Wire-Haired)														
Lafora's	438	87	253	54	155	28	30	5	730	285	28	0	0	0
PRA (cord1)	471	56	381	47	87	9	3	0	1376	332	17	0	0	0
Dobermann														
vWD	1246	39	651	29	549	10	46	0	4096	366	103	0	0	0
English Springer Spaniel														
Fuco.	889	99	878	95	11	4	0	0	6190	899	0	0	0	0
PFK	176	36	176	36	0	0	0	0	723	148	0	0	0	0
PRA (cord1)	1009	122	787	104	209	18	13	0	4172	737	78	0	0	0
Entlebucher Mountain Dog (Imp)														
prcd-PRA	2	1	1	1	1	0	0	0	0	0	0	0	0	0
Finnish Lapphund														
GSD (II)	62	7	61	7	1	0	0	0	138	32	0	0	0	0
prcd-PRA	138	4	82	1	55	3	1	0	199	13	3	0	0	0
French Bulldog														
HC-HSF4	1257	337	1230	332	27	5	0	0	4170	1490	0	0	0	0
German Wirehaired Pointer														
vWD	166	40	165	40	1	0	0	0	963	262	0	0	0	0
Glen Of Imaal Terrier														
PRA (crd3)	129	8	76	5	52	3	1	0	176	49	0	0	0	0
Golden Retriever														
GR_PRA1	827	86	776	82	47	4	4	0	4741	1143	25	0	0	0
GR_PRA2	754	94	720	90	34	4	0	0	4381	1116	0	0	0	0
ICT-A	34	16	22	12	10	3	2	1	1	1	8	8	0	0
Gordon Setter														
PRA (rcd4)	574	29	252	17	249	11	73	1	534	92	199	15	6	0
Greyhound														
GN	22	0	18	0	4	0	0	0	60	0	0	0	0	0

Irish Red & White Setter														
CLAD	96	1	88	1	8	0	0	0	1373	67	0	0	0	0
vWD	103	2	97	2	6	0	0	0	1105	67	0	0	0	0
Irish Setter														
CLAD	592	10	478	10	114	0	0	0	15107	817	0	0	0	0
PRA (rcd1)	384	12	384	12	0	0	0	0	12317	806	0	0	0	0
PRA (rcd4)	1303	67	661	30	558	36	84	1	1920	314	378	44	33	0
Irish Terrier														
HFH	33	16	32	15	1	1	0	0	57	25	0	0	0	0
Keeshond														
PHPT	134	1	134	1	0	0	0	0	984	122	0	0	0	0
Kooikerhondje														
ENM	2	0	2	0	0	0	0	0	0	0	0	0	0	0
vWD	2	0	2	0	0	0	0	0	0	0	0	0	0	0
Labrador Retriever														
CNM	1859	227	1693	204	158	22	8	1	12847	2988	0	0	0	0
EIC	948	309	776	249	152	56	20	4	2572	906	47	19	0	0
prcd-PRA	2871	178	2272	153	568	23	31	2	20647	3181	75	0	0	0
SD2	273	136	243	119	25	13	5	4	591	275	0	0	0	0
Lancashire Heeler														
CEA/CH	4	3	4	3	0	0	0	0	0	0	0	0	0	0
PLL	401	33	229	20	163	13	9	0	270	39	2	0	0	0
Large Munsterlander														
HUU	123	7	86	6	34	1	3	0	414	47	4	0	0	0
Leonberger														
LPN1	61	0	56	0	5	0	0	0	149	28	0	0	0	0
Manchester Terrier														
vWD	157	11	123	9	33	2	1	0	823	164	0	0	0	0
Newfoundland														
CU	298	46	234	36	64	10	0	0	1521	280	0	0	0	0
Norwegian Elkhound														
prcd-PRA	167	1	89	0	68	1	10	0	278	20	4	0	6	0
Nova Scotia Duck Tolling Retriever														
CEA/CH	153	6	140	4	13	2	0	0	1057	134	0	0	0	0
DM	56	14	47	14	9	0	0	0	49	16	0	0	0	0
prcd-PRA	199	16	125	12	69	4	5	0	585	74	3	0	0	0

Old English Sheepdog														
PCD	103	13	100	12	3	1	0	0	458	143	0	0	0	0
Papillon														
Pap-PRA1	154	49	143	42	11	7	0	0	137	44	0	0	0	0
Parson Russell Terrier														
LOA	277	32	228	31	46	1	3	0	763	217	0	0	0	0
PLL	460	39	333	28	124	11	3	0	1425	222	7	0	0	0
SCA	118	49	117	49	1	0	0	0	514	214	0	0	0	0
Poodle (Miniature)														
prcd-PRA	556	45	437	31	117	14	2	0	2056	250	0	0	0	0
Poodle (Standard)														
vWD	38	3	38	3	0	0	0	0	86	27	0	0	0	0
Poodle (Toy)														
prcd-PRA	698	35	528	30	160	5	10	0	2485	195	28	0	0	0
Portuguese Water Dog														
prcd-PRA	85	12	47	6	37	6	1	0	208	22	0	0	0	0
Russian Black Terrier														
HUU	105	19	24	1	61	16	20	2	25	0	5	0	0	0
Schipperke														
MPSIIB	20	0	20	0	0	0	0	0	34	3	0	0	0	0
Sealyham Terrier														
PLL	254	13	107	8	138	5	9	0	165	42	6	0	0	0
Shetland Sheepdog														
CEA/CH	173	24	111	15	62	9	0	0	76	11	0	0	0	0
MDR1	112	60	47	24	46	29	19	7	0	0	4	0	0	0
Spanish Water Dog														
prcd-PRA	75	9	58	5	17	4	0	0	134	38	0	0	0	0
Staffordshire Bull Terrier														
HC-HSF4	2318	94	2238	90	80	4	0	0	21926	1764	0	0	0	0
L-2HGA	2565	94	2323	81	238	13	4	0	22590	1783	0	0	0	0
Tibetan Spaniel														
PRA3	166	27	151	25	15	2	0	0	313	66	0	0	0	0
Tibetan Terrier														
NCL	900	109	710	84	182	25	8	0	4860	838	6	0	0	0
PLL	1267	89	892	75	359	14	16	0	5967	965	2	0	0	0
PRA (rcd4)	563	240	353	156	187	72	23	12	1101	400	49	5	0	0
PRA3	435	191	429	188	5	2	1	1	1951	656	0	0	0	0

Welsh Corgi (Cardigan)														
PRA (rcd3)	61	14	59	14	2	0	0	0	823	90	0	0	0	0