



**International Directory of Australian Shepherd Health
Pedigree Analysis Certificate**

Date: 11/14/18

Dog Name: Casa de Filler Brenda of LAPD, Reg#: ASH 1632/REG, COI: 1% Owner: Sabina Achtig

Risk scores: Low: 0.1-2.4 Moderate: 2.5-4.9 High: 5.0-10.0

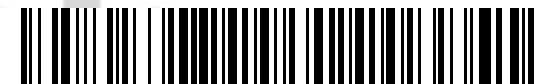
Scores are generated from reports, certificates, and data generated by laboratories, veterinarians, dog owners, and major health registries. To the extent that some of this data is confidential we cannot and will not discuss those specifics. For open-source data please refer to the IDASH Open Health Database.

Trait	Score	Average	Variance	Trait	Score	Average	Variance
Allergies	NKB	1.17	-1.17	Hip Dysplasia	7.34	5.07	2.27
Autoimmune	9.38	4.22	5.16	Iris Coloboma	1.09	3.13	-2.04
Bad Bites	2.50	2.97	-0.47	Lymphoma	1.25	2.05	-0.80
Cataract - HSF4 *	NKB	3.50	-3.50	MDR1 *	NKB	2.91	-2.91
Collie Eye Anomaly *	NKB	1.28	-1.28	Missing Teeth	2.19	4.68	-2.49
Dilute	0.31	0.86	-0.55	PRCD/PRA *	NKB	0.31	-0.31
Distichiasis	2.97	2.15	0.82	Patellar Luxation	0.16	0.56	-0.40
Elbow Dysplasia	7.03	2.63	4.40	Pelger-Huet Anomaly	NKB	0.53	-0.53
Epilepsy	1.72	5.23	-3.51	Persistent Pupillary Membrane	1.09	0.60	0.49
Excess White	3.44	2.73	0.71	Renal Dysplasia	NKB	0.20	-0.20
Heart Vessel Defects	NKB	1.11	-1.11	Retained Testicles	1.56	1.89	-0.33
Hemangiosarcoma	4.06	2.70	1.36	Umbilical Hernia	1.88	1.98	-0.11
Hereditary Cobalamin Malabsorbtion *	NKB	0.28	-0.28	Yellow *	NKB	0.21	-0.21

* DNA screening tests should be run on any breeding animal with a score of 2.5 or more. NKB (no known background) in the score column indicates either we have no data on this trait in this dog's pedigree OR the dog or its parents may have DNA tested clear where applicable. Refer to owner for documentation of DNA testing.



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