Long Hair

Applicable breeds: Alaskan Klee Kai, Alaskan Malamute, Canadian Eskimo Dog, Cardigan Welsh Corgi, Chihuahua, Chow Chow, Dachshund (Long, Smooth & Wire), Dalmatian, German Shepherd, Hungarian Vizsla, Miniature Smooth-haired Dachshund, Pembroke Welsh Corgi, Rottweiler, Saluki, St. Bernard, Weimaraner

Please note this test is only relevant in specific breeds; in other breeds where long hair occurs other, as yet undiscovered, genes are responsible.

Long or short hair lengths are acceptable or desirable in some breeds, such as Dachshunds, German Shepherd, Weimaraners etc., and some breeders may want to identify which of their breeding stock carry long hair. In other breeds, such as Pembroke Welsh Corgis, the appearance of long-haired offspring, termed "fluffies" is undesirable.

This test will identify those short-haired dogs which carry the gene for long hair. These carriers can produce offspring with long hair (sometimes described as "rough" or "fluffy") when mated with other carriers. The gene for long hair is denoted L, and the gene for short hair is denoted S.

This test is particularly useful for breeders:

- o To identify short-haired dogs which carry the long-hair gene, and could therefore produce long-haired offspring when mated with other carriers
- o To confirm that their apparently long-haired dog does indeed have the long hair gene

This test will be reported as:

: dog is short-haired and does not carry the long-hair gene SS

SL : dog is short-haired but carries the long-hair gene LL : dog is long-haired and carries two long-hair genes

The genetic status of dogs can be used to predict breeding outcomes when different combinations are mated:

SS X SS = 100% SS

SS X SL = 50% SS, 50% SL SL X SL = 25% SS, 50% SL, 25% LL SL X LL = 50% SL, 50% LL LL X LL = 100% LL

References

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