

Agouti Coat Colour

About the Colour

A mutation in the Agouti gene (agouti signalling protein, *ASIP*) causes solid colouration of the hair shaft.

The wild-type allele (A) is dominant and produces hair shafts with alternating bands of black and yellow colouration. Two copies of the mutant allele (a) are required for non-agouti, solid colouration.

Bengal and Savannah cats - our domestic cat Agouti genetic test also detects the rare **A2**

Agouti variant, which will be reported if found. We do not currently know what effect this mutation has on coat colour or where it originated.



Interpretation of results

Test Result	Interpretation
Agouti (A/A)	Has two copies of the Agouti gene (A/A). Cat will have agouti banded hair.
Carrier of non-Agouti (A/a)	Has one copy of the Agouti gene and one copy of the non-Agouti gene (A/a). Cat will have agouti banded hair.
Non-Agouti (a/a)	Has two copies of the non-Agouti gene (a/a). Cat will have solid colouration.

Reception Hours

Mon-Fri 9am - 5pm

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