

Burmese Coat Colour

About the Colour

The Colour gene (Tyrosinase, *TYR*) has four alleles (C, c^s , c^b and c). The wild-type allele (C) is dominant and produces full colouration. The c^s and c^b mutations cause temperature sensitive pigment production that is characteristic of Siamese colourpoint and Burmese colouration, respectively. The c allele is rare and causes full albino colour.



Two copies of the Burmese allele (c^b) are required for Burmese colouration and cause a change from black to sepia and orange to yellow, with the points being darker than the body.

Bengal and Savannah cats - our domestic cat Burmese colour genetic test has also been validated in Bengal and Savannah cats (i.e. it will detect Asian Leopard Cat or Serval genes if they are present).

Interpretation of results

Test Result	Interpretation
Burmese colouration (c^b/c^b)	Has two copies of the Burmese colouration allele (c^b/c^b). Cat will have Burmese colouration.
Carrier of Burmese colouration (C/ c^b or c^s/c^b)	Has one copy of the Burmese colouration allele. Cat will have solid colouration (C/ c^b) or be Mink (see below) if it also carries Siamese colourpoint (c^s/c^b).
Does not carry Burmese colouration (C/C or C/ c^s or c^s/c^s)	Has no copies of the Burmese colouration allele. Cat will have solid colouration (C/C, C/ c^s) or be Siamese colourpoint (c^s/c^s).

Mink colouration

Mink colouration is intermediate between Siamese and Burmese and is caused by the presence of one Siamese allele (c^s) and one Burmese allele (c^b). If you wish to test for Mink please select both the Siamese and Burmese colouration tests.

Reception Hours

Mon-Fri 9am - 5pm

Contact Us

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FAQs

How do I test for snow colour in my Bengals?

There are 3 kinds of Snow Bengal - Lynx, Sepia and Mink.

Snow Lynx is caused by the Siamese colourpoint mutation.

Snow Sepia is caused by the Burmese colour mutation.

Snow Mink is caused by a combination of Siamese and Burmese mutations.

Hence, to check the kind of Snow Bengal you have you need to request Siamese and Burmese colour tests.



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