

# Sphynx Hairless Coat

## About the Coat

Two separate mutations in the *KRT71* gene produce the curly coat of the Devon Rex and the nearly hairless coat of the Sphynx.

Both mutations are recessive, meaning that two copies, one from each parent, are required for Devon Rex cats to have curly coats and Sphynx cats to have nearly hairless coats. The tests will allow breeders to determine if a cat carries these mutations. Since some Sphynx cats carry BOTH the Devon Rex mutation and the Sphynx hairless mutation, testing Sphynx cats for the Devon Rex mutation will identify those cats that would not breed true for the hairless phenotype.



## Interpretation of results

Test Result	Interpretation
Does not carry Sphynx Hairless Coat (HR/HR)	Has no copies of the Sphynx Hairless Coat mutation. Cat will not have Sphynx Hairless Coat.
Carrier of Sphynx Hairless Coat (HR/hr)	Has one copy of the Sphynx Hairless Coat mutation. Cat will not have Sphynx Hairless Coat.
Sphynx Hairless Coat (hr/hr)	Has two copies of the Sphynx Hairless Coat mutation. Cat will have Sphynx Hairless Coat.

As mentioned above, some Sphynx cats carry BOTH the Devon Rex mutation and the Sphynx hairless mutation. The only way to determine this is to test these cats for BOTH the Devon Rex Coat mutation and the Sphynx Hairless Coat mutation.

## Reception Hours

Mon-Fri 9am - 5pm

## Contact Us

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