Devon Rex 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 Devon Rex Coat (Re/Re)	Has no copies of the Devon Rex Coat mutation. Cat will not have Devon Rex curly coat.
Carrier of Devon Rex Coat (Re/re)	Has one copy of the Devon Rex Coat mutation. Cat will not have Devon Rex curly coat.
Devon Rex Coat (re/re)	Has two copies of the Devon Rex Coat mutation. Cat will have Devon Rex curly coat.