

Cat Blood Groups

Type A is dominant to type B (b) so an A/b result means the cat is type A blood group carrying the B gene

The cat may be a type AB blood type, however this is very rare and the inheritance and expression of this is complex.

The genetic test cannot distinguish between type A and type AB blood types. The main thing this result tells you is that the cat carries the B gene, and so if mated to another cat carrying the B gene, (eg another type A cat carrying the B gene, or A/b) then blood type B kittens may be produced.

If the breeder wants to distinguish between type A and type AB blood type in this cat, an agglutination test is required

Kittens with type-AB blood born to queens with type-B blood are at similar risk for neonatal isoerythrolysis as kittens with type-A blood because anti-A alloantiserum from blood type-B queens recognizes AB red blood cells. Furthermore, cats with type-AB blood are best transfused with type-AB or type-A blood.

This is a great link and reference

<http://www.dr-addie.com/Blood%20groups.htm>

This article has prevalence data for B blood type for a large number of breeds which may be of some use (or just interesting)