

Subj: **Hero DNA Test Report March 18, 2003**
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From: genetest@optigen.com
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DNA Test Report March 18, 2003
Owner's Name and Address
Karen S Fitzpatrick
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Registered Name: Ainsley's Johnny Bravo
Registration #: Sn773128/04
Tattoo/Chip #: 44182A347F
Call Name: Hero
Breed: English Cocker Spaniel
Date of Birth: September 06, 2000
Optigen Accession #: 03-598
Sex: Male

Test Performed: prcd test I for PRA

Test Results: Pattern/Genotype B1

Risk Group: Non-affected

Risk for developing prcd form of PRA: Pattern B1 dogs are not expected to develop prcd-PRA, and are carriers of prcd-PRA, with at least 99% certainty. However, there is a chance (risk is less than 0.5%) of a false negative result, which would make this dog prcd-PRA-affected instead of a carrier. Additionally, there is a similar chance (risk is less than 0.5%) of a false positive result in a Pattern B1 dog, which would make this dog genetically normal. Neither of these possibilities has yet been observed with the current OptiGen test. Any undetectable "false alleles" remaining in the ECS would make some dogs normal. So far, the only PRA disease known in this breed is the prcd form of PRA.

Significance for breeding: Pattern B1 dogs have a high probability of being a carrier of prcd-PRA and a very low probability of being affected. They should only be bred to Pattern/Genotype A/A1 mates in order to greatly reduce the chance of producing affected pups.

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