

**PennHIP**

## Hip Evaluation Report

Report Date: 5/11/2015

Reference #: **920148**

Radiography Date: 5/7/2015

Practice #: BF000337

Date Received: 5/8/2015

**PennHIP Member:**  
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 UNITED STATES

**Owner:**  
 BRAD STOLL  
 487 GOLD SPRINGS CHURCH RD  
 ABBEVILLE, SC 29620  
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ANIMAL			
HIGH RIDGE GUN DOG KENYA (HIGH RIDGE GUN DOG KENYA)			
CANINE / BRAQUE FRANCAIS			Reg. #: BF-000337
Date of Birth: 3/16/2014	Sex: F	Weight: 46 lbs.	Age: 14 mo.
			Microchip:
			Tattoo:
RESULTS			
LEFT	Distraction Index (DI)	<b>0.34</b>	DI is greater than 0.30 with no radiographic evidence of OA. There is an increasing risk of developing OA as the DI increases; low risk when DI is close to 0.30, high risk when DI is close to 0.70 or above.
	Osteoarthritis (OA)	<b>None</b>	
	Cavitation	<b>No</b>	
	Other Findings	<b>Not Applicable</b>	
RIGHT	Distraction Index (DI)	<b>N/A</b>	Cavitation is harmless to the hip, however it potentially increases the measurement of the DI. Therefore, no laxity score is provided, nor will this hip be used in the laxity profile ranking below.
	Osteoarthritis (OA)	<b>None</b>	
	Cavitation	<b>Yes</b>	
	Other Findings	<b>Not Applicable</b>	

Please note that the PennHIP DI is a measure of hip joint laxity, it does not allude to a "passing" or "failing" hip score.

LAXITY PROFILE RANKING										
One hip can not be used for the laxity profile ranking (see above), therefore, the opposite hip will be used in the analysis. This interpretation is based on a cross-section of 22 CANINE animals of the BRAQUE FRANCAIS breed. The median DI for this group is 0.36.										
Percentiles										
	90th	80th	70th	60th	50th	40th	30th	20th	10th	
> 90th					Median					< 10th
<div style="text-align: center;">↑</div> <p>The chart above indicates the ranking of your animal's passive hip laxity (DI) in relation to all CANINE animals of the BRAQUE FRANCAIS breed in our database. This result means that 1) your animal's hips are tighter than approximately 60% of this group of animals (alternatively, 40% of the group has tighter hips than your animal), and 2) your animal's hip laxity is in the tighter half of the laxity profile. Breed-specific evaluations are analyzed semi-annually. Consequently, the average laxity and range of laxity for any given group will change over time.</p>										

PennHIP does not make specific breeding recommendations. Selection of sire and dam for mating is the decision of the breeder.

**NOTE:** As a minimum breeding criterion, we propose that breeding stock be selected from the population of animals having hip laxity in the tighter half of the breed (to the left of the median mark on the graph). Higher selection pressure equates to more rapid expected genetic change per generation.

By implementing selection based on passive hip laxity, we expect the breed average DI over the years to move toward tighter hip configuration, meaning lower hip dysplasia susceptibility. The PennHIP database permits scientific adjustment of criteria to reflect these shifts; the average laxity and range of laxity for a particular breed will change over time.

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