

Equine Genetic Testing Report



Submitted By
Terry & Deb Hochhalter Circle H Paints and Quarters P.O. Box 704 Linton, ND 58552

Subject Horse

Date Received: **6/2/2018**

Horse Name: Dixies Chicklette Breed: Paint Horse Phenotype: Bay Tobiano Sex: Mare	Lab Reference #: 00110515 Registration: 242,440 Birth: 1993
--	--

Sire
Sire Name: Breed: Registration: Phenotype:

Dam
Dam Name: Breed: Registration: Phenotype:

Coat Color and Pattern Testing

<input checked="" type="checkbox"/>	Tobiano	TT	Homozygous. Horse carries two copies of the Tobiano gene. This horse will always produce Tobiano offspring.
<input checked="" type="checkbox"/>	Frame Overo	nn	Negative for Frame Overo (LWO).
<input checked="" type="checkbox"/>	Sabino 1	nn	Negative for the Sabino 1 gene.
<input checked="" type="checkbox"/>	Splashed White 1	nn	Negative for the Splashed White SW1 mutation.
<input checked="" type="checkbox"/>	Splashed White 2	nn	Negative for the Splashed White SW2 mutation.
<input checked="" type="checkbox"/>	Splashed White 3	nn	Negative for the Splashed White SW3 mutation.
<input checked="" type="checkbox"/>	Appaloosa (LP)	lp/lp	Tested negative for the main Appaloosa LP gene and is NOT affected by CSNB.
<input checked="" type="checkbox"/>	PATN1	n/n	Negative. Horse does not carry the PATN-1 gene mutation.
<input checked="" type="checkbox"/>	Red/Black Factor	Ee	Heterozygous. Horse is Black based but carries a recessive copy of the Red gene.
<input checked="" type="checkbox"/>	Agouti	Aa	Heterozygous. Horse carries one copy of the Agouti gene.
<input checked="" type="checkbox"/>	Cream Dilution	nn	Negative for Cream Dilution.
<input checked="" type="checkbox"/>	Dun Dilution	dd	Negative for currently known markers associated with Dun Dilution.
<input checked="" type="checkbox"/>	Silver Dilution	nn	Negative for Silver Dilution.
<input checked="" type="checkbox"/>	Champagne	nn	Negative for Champagne Dilution.
<input checked="" type="checkbox"/>	Pearl Dilution	nn	Negative for Pearl Dilution.
	Gray		<i>Not Tested</i>

Additional Comments

None

Genetic Disorders

<input checked="" type="checkbox"/>	HYPP	n/n	Clear: Negative for the HYPP gene mutation.
<input checked="" type="checkbox"/>	HERDA	N/N	Clear: Negative for the HERDA gene mutation.
<input checked="" type="checkbox"/>	GBED	N/Gb	Carrier: Horse is heterozygous and a carrier of the GBED gene mutation.
<input checked="" type="checkbox"/>	MH	n/n	Clear: Negative for the MH gene mutation found in Quarter horses and related breeds.
<input checked="" type="checkbox"/>	PSSM 1	n/n	Clear: Negative for the PSSM Type 1 gene mutation.
	FIS		<i>Not Tested</i>
	JEB1		<i>Not Tested</i>
	JEB2		<i>Not Tested</i>
	CA		<i>Not Tested</i>
	LFS		<i>Not Tested</i>
	SCID		<i>Not Tested</i>
	OAAM1		<i>Not Tested</i>
	HWSD		<i>Not Tested</i>
	WFFS1		<i>Not Tested</i>

Genetic Marker Results

Run Date: *Not Tested*

-	-	-	-	-	-	-
AHT4	AHT5	ASB17	ASB2	ASB23	AME	CA425UK
-	-	-	-	-	-	-
HMS3	HMS6	HMS7	HTG10	HTG4	LEX3	LEX33
-	-	-	-	-	-	-
VHL20	UM011	HMS1	HMS2	HTG6	HTG7	