



dr. van haeringen laboratorium b.v.

a VHLGenetics company

Analysis Certificate

Animal data

Name: BRUCE DU CAP DE LA COSTE
Date of birth: . .
Sexe: Male
Chip number: 250258720001806
Reg. nr.: A212883

Sample data

VHL_ID: P319582
Test ID-nr: 333758 1
Material: Hair

P306 - Dwarfism ACAN D1, D2, D3, D4 - Date of test: 07.11.2018

Testresult: N/N

W.A. van Haeringen, PhD
Executive Director

P306 - Dwarfism ACAN D1, D2, D3, D4

Possible results for this test are:

- NORMAL: N/N
- LETHAL: D1/D1, D1/D2, D1/D3, D1/D4
- DWARF: D2/D2, D2/D3, D2/D4, D3/D4
- CARRIER D1: N/D1
- CARRIER D2: N/D2
- CARRIER D3: N/D3
- CARRIER D4: N/D4
- UNKNOWN: D3/D3, D4/D4 (NB THESE RESULTS ARE NOT FOUND YET IN A SAMPLE)

VHL exercises the utmost care in performing each of its engagements. No party other than the principal may derive any rights from the results of these engagements, and the principal expressly indemnifies VHL in respect of any third-party claims. VHL policy provides that any complaints must be received within eight days of the completion of an engagement and imposes restrictions on liability. In that respect, VHL refers to its General Conditions, which are applicable to all engagements VHL performs and which were enclosed with the submission form. These General Conditions can also be reviewed at www.vhlgenetics.com. The work VHL performs is based on the material and/or data it receives from its principal. This report may only be copied in its entirety. The organization is ISO:9001 certified for all her work. This test is based on PCR technology.



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Analysis Certificate

Animal data

Name: URBANE DES ARILLES
Date of birth: . .
Sexe: Female
Chip number: 250259600330292
Reg. nr.: A229310

Sample data

VHL_ID: P319580
Test ID-nr: 333759 1
Material: Hair

P306 - Dwarfism ACAN D1, D2, D3, D4 - Date of test: 07.11.2018

Testresult: N/N

W.A. van Haeringen, PhD
Executive Director

P306 - Dwarfism ACAN D1, D2, D3, D4

Possible results for this test are:

- NORMAL: N/N
- LETHAL: D1/D1, D1/D2, D1/D3, D1/D4
- DWARF: D2/D2, D2/D3, D2/D4, D3/D4
- CARRIER D1: N/D1
- CARRIER D2: N/D2
- CARRIER D3: N/D3
- CARRIER D4: N/D4
- UNKNOWN: D3/D3, D4/D4 (NB THESE RESULTS ARE NOT FOUND YET IN A SAMPLE)

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SKELETAL ATAVISM REPORT

MAËLLE DESMERY

Case: NQ50474
Date Received: 31-May-2019
Print Date: 05-Jun-2019
Report ID: 5380-7568-2304-5117
Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm

Name: BRUCE DU CAP DE LA COSTE

Reg: A212863

DOB: 04/16/2011 **Sex:** Stallion **Breed:** Miniature Horse **Microchip:** 25000160036356Q

Skeletal Atavism Test Result

N/N



Interpretation of Results

N/N	Normal. No copies of the skeletal atavism mutations detected.
N/Del1	Carrier. 1 copy of a skeletal atavism mutation detected.
N/Del2	Carrier. 1 copy of a skeletal atavism mutation detected.
Del1/Del1	Affected. 2 copies of mutation detected.
Del2/Del2	Affected. 2 copies of mutation detected.
Del1/Del2	Affected. 2 copies of mutation detected.

Skeletal atavism (SA) is a heritable recessive defect of bone development that occurs in Shetland ponies and American Miniature horses. SA limb deformities progressively worsen with age and usually lead to euthanasia within six months.

For more information on Skeletal Atavism test, see
<https://www.vgl.ucdavis.edu/services/horse/SkeletalAtavism.php>
<http://www.capiletgenetics.com/en/skeletal-atavism-test-eng>



VETERINARY GENETICS LABORATORY
SCHOOL OF VETERINARY MEDICINE
ONE SHIELDS AVENUE
DAVIS, CALIFORNIA 95616-8744

TELEPHONE: (530) 752-2211
FAX: (530) 752-3556

SKELETAL ATAVISM REPORT

MAËLLE DESMERY

Case: NQ50475
Date Received: 31-May-2019
Print Date: 05-Jun-2019
Report ID: 2096-8493-7720-7022
Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm

Name: URBANE DES ARILLES

Reg: A229310

DOB: 04/04/2008 **Sex:** Mare **Breed:** Miniature Horse **Microchip:** 25000152549776C

Skeletal Atavism Test Result

N/N



Interpretation of Results

N/N	Normal. No copies of the skeletal atavism mutations detected.
N/Del1	Carrier. 1 copy of a skeletal atavism mutation detected.
N/Del2	Carrier. 1 copy of a skeletal atavism mutation detected.
Del1/Del1	Affected. 2 copies of mutation detected.
Del2/Del2	Affected. 2 copies of mutation detected.
Del1/Del2	Affected. 2 copies of mutation detected.

Skeletal atavism (SA) is a heritable recessive defect of bone development that occurs in Shetland ponies and American Miniature horses. SA limb deformities progressively worsen with age and usually lead to euthanasia within six months.

For more information on Skeletal Atavism test, see
<https://www.vgl.ucdavis.edu/services/horse/SkeletalAtavism.php>
<http://www.capiletgenetics.com/en/skeletal-atavism-test-eng>