



**OPTIGEN**® LLC

*for the genetic advantage*

## Test Report

**Martina Paulino**  
**Mezirolemi 478/11**  
**Praha 5, 15800**  
**Czech Republic**

Optigen Accession #: **17-4146**  
Report issued for: **Chiquita**

### OptiGen Test Certificate

**Optigen Accession #: 17-4146**

**Test Completed: 09/12/2017**  
**Report Issued: 09/27/2017**

Test Performed: **TNS Test**

**Result: Normal**  
**Sample Type: Blood**

Registered Name: **Flower of Old Hill Not Just a Banana**

**Reg#: CMKU/BOC/7636/-14/14/15**

Breed: **Border Collie**

**ID#: 900108000883765**

Sex: **Female**

Date of Birth: **March 14, 2014**

Owner(s):

**Martina Paulino**



*Susan Pearson Kelling*  
**OptiGen Authorized Signature**

[www.optigen.com](http://www.optigen.com)

**Test Results:** Genotype of Border Collie tested is **NORMAL**.

**Risk for developing TNS (Trapped Neutrophil Syndrome):** This dog will never develop TNS.

**Significance for breeding:** This dog can be bred to any Border Collie and will produce no pups affected with TNS.

This interpretation is based on the test result of the DNA test for the specific mutation identified as causing TNS (Trapped Neutrophil Syndrome) in Border Collies as of the date on this report.

For further information, please consult the OptiGen website at [www.optigen.com](http://www.optigen.com).

*Note: The use of this test is patent protected and licensed to OptiGen. See [http://www.optigen.com/opt9\\_patent.html](http://www.optigen.com/opt9_patent.html) for details.*

**International DNA Based Genetic Database:** To register this result with OFA, make a copy, sign below, mail WITH FEE, to OFA, 2300 E. Nifong Blvd, Columbia, MO 65201-3856 or FAX to 573-875-5073. [www.ofa.org](http://www.ofa.org)

I hereby certify that the sample submitted was of the animal described on this application. I authorize the OFA to release all information on the test results thus placing the results in the public domain and I hereby release OFA from any and all liability associated with the release of test information.

Signature of owner or authorized representative: \_\_\_\_\_

**Cornell Business & Technology Park**

tel: 607.257.0301

fax: 607.257.0353

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**Praha 5, 15800**  
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Optigen Accession #: **17-4146**  
Report issued for: **Chiquita**

### OptiGen Test Certificate

**Optigen Accession #: 17-4146**

**Test Completed: 09/18/2017**  
**Report Issued: 09/27/2017**

Test Performed: **CEA/CH test**

**Result: Normal**  
**Sample Type: Blood**

Registered Name: **Flower of Old Hill Not Just a Banana**

**Reg#: CMKU/BOC/7636/-14/14/15**

Breed: **Border Collie**

**ID#: 900108000883765**

Sex: **Female**

Date of Birth: **March 14, 2014**

Owner(s):

**Martina Paulino**



*Susan Pearson Kelling*  
**OptiGen Authorized Signature**

[www.optigen.com](http://www.optigen.com)

**Test Results:** Genotype of your dog is **NORMAL/CLEAR**.

**Risk for developing Collie Eye Anomaly/Choroidal Hypoplasia (CEA/CH):** This dog will never develop CEA/CH.

**Significance for breeding:** This dog can be bred to any mate and will produce no pups affected with CEA/CH.

This interpretation is based on the test result of the DNA test for the specific mutation identified as causing CEA/CH in Border Collies as of the date on this report.

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## Test Report

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Optigen Accession #: **17-4146**  
Report issued for: **Chiquita**

### OptiGen Test Certificate

**Optigen Accession #: 17-4146**

**Test Completed: 09/13/2017**  
**Report Issued: 09/27/2017**

Test Performed: **CL Test**

**Result: Normal**  
**Sample Type: Blood**

Registered Name: **Flower of Old Hill Not Just a Banana**

**Reg#: CMKU/BOC/7636/-14/14/15**

Breed: **Border Collie**

**ID#: 900108000883765**

Sex: **Female**

Date of Birth: **March 14, 2014**

Owner(s):

**Martina Paulino**



*Susan Reaschelling*  
**OptiGen Authorized Signature**

[www.optigen.com](http://www.optigen.com)

**Test Results:** Genotype of Border Collie tested is **NORMAL**.

**Risk for developing CL (Neuronal Ceroid Lipofuscinosis):** This dog will never develop CL.

**Significance for breeding:** This dog can be bred to any Border Collie and will produce no pups affected with CL.

This interpretation is based on the test result of the DNA test for the specific mutation identified as causing CL (Neuronal Ceroid Lipofuscinosis) in Border Collies as of the date on this report.

For further information, please consult the OptiGen website at [www.optigen.com](http://www.optigen.com).

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