VibrantWellness
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Final Report Date:	02-14-2019 11:00	**Specimen Collected:**	04-03-2018 12:44
Accession ID:	1512010000	**Specimen Received:**	04-04-2018 09:04

LAST NAME	FIRST NAME	GENDER	DATE OF BIRTH	ACCESSION ID	DATE OF SERVICE
TESTNAME	PATIENT	MALE	2018-02-23	1512010000	04-03-2018 12:44

PATIENT

Name: PATIENT TESTNAME
Date of Birth: 2018-02-23
Gender: Male
Age: 0
Height: 3'1" Weight: 31.0 lbs

Telephone #: 1-866-364-0963
Street Address: 1021 HOWARD AVENUE SUITE B
City: SAN CARLOS
State: CA Zip #: 94070
Email: fdu@vibrantsci.com

Fasting: FASTING No. of hours: 12.0
EMR #: V1609100001
Unique Patient #: A123456789

PROVIDER

Practice Name: Demo Client, MD
Provider Name: Demo Client, MD (999994)
Street Address: 1234 TEST AVENUE
City: TEST
State: CA
Zip #: 12345
Telephone #: 1-800-842-7268
Fax #:

For doctor's reference

LAST NAME	FIRST NAME	GENDER	DATE OF BIRTH	ACCESSION ID	DATE OF SERVICE
TESTNAME	PATIENT	MALE	2018-02-23	1512010000	04-03-2018 12:44

Mycotoxins

Test Name	Species Name	Detected/ Not Detected	Current Level	Previous Level
Aflatoxin M1 (pg/ml)	Aspergillus	Not Detected	0.69	0.81
Ochratoxin A (pg/ml)	Aspergillus, Penicillium	Not Detected	0.47	0.64
Sterigmatocystin (pg/ml)	Aspergillus, Penicillium, Bipolaris	Not Detected	0.96	0.32
Zearalenone (pg/ml)	Fusarium	Not Detected	0.29	0.15
Roridin E(Trichothecenes) (pg/ml)	Fusarium, Myrothecium, Stachybotrys	Not Detected	0.33	4.71 ↑
Verrucarin A (Trichothecenes) (pg/ml)	Stachybotrys, Fusarium, Myrothecium	Not Detected	0.45	0.95
Enniatin B1 (pg/ml)	Fusarium	Not Detected	0.24	0.67
Fumonisins B1 (pg/ml)	Fusarium	Not Detected	0.73	0.21
Fumonisins B2 (pg/ml)	Fusarium	Not Detected	0.55	0.01
Fumonisins B3 (pg/ml)	Fusarium	Not Detected	0.44	5.28 ↑
Citrinin (pg/ml)	Penicillium	Not Detected	0.42	0.32
Patulin (pg/ml)	Penicillium	Not Detected	0.23	>10.00 ↑
Aflatoxin B1 (pg/ml)	Aspergillus	Not Detected	0.46	0.19
Aflatoxin B2 (pg/ml)	Aspergillus	Not Detected	0.04	0.08
Aflatoxin G1 (pg/ml)	Aspergillus	Not Detected	0.88	7.48 ↑
Aflatoxin G2 (pg/ml)	Aspergillus	Not Detected	0.56	0.98

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TESTNAME	PATIENT	MALE	2018-02-23	1512010000	04-03-2018 12:44

Deoxynivalenol (pg/ml)	Fusarium	Not Detected	0.86	0.63
Gliotoxin (pg/ml)	Aspergillus	Not Detected	0.71	0.43
Mycophenolic Acid (pg/ml)	Penicillium	Not Detected	0.58	0.17
Dihydrocitrinone (pg/ml)	Aspergillus, Penicillium, Monascus	Not Detected	0.68	0.84
Chaetoglobosin A (pg/ml)	Chaetomium globosum	Not Detected	0.17	0.56
Nivalenol (NIV) (pg/ml)	Fusarium	Not Detected	0.67	0.44
diacetoxyscirpenol (DAS) (pg/ml)	Fusarium	Detected	3.73 ↑	0.35
T-2 toxin (rare) (pg/ml)	Fusarium	Not Detected	0.09	0.73
Satratoxin G (Trichothecenes) (pg/ml)	Stachybotrys chartarum	Not Detected	0.56	7.12 ↑
Satratoxin H (Trichothecenes) (pg/ml)	Stachybotrys chartarum	Not Detected	0.43	0.96
Isosatratoxin F (Trichothecenes) (pg/ml)	Stachybotrys chartarum	Not Detected	0.26	>10.00 ↑
Roridin A (Trichothecenes) (pg/ml)	Stachybotrys chartarum	Not Detected	0.38	>10.00 ↑
Roridin H (Trichothecenes) (pg/ml)	Stachybotrys chartarum	Not Detected	0.28	0.54
Roridin L-2 (Trichothecenes) (pg/ml)	Stachybotrys chartarum	Not Detected	0.02	0.40
Verrucarin J (Trichothecenes) (pg/ml)	Stachybotrys chartarum	Not Detected	0.67	0.37

Comments

Diacetoxyscirpenol (DAS), also known as anguidine, is a type A trichothecene mycotoxin primarily produced by Fusarium fungi. Trichothecenes are known as major contaminants of cereals and cereal-containing foods. DAS has been detected in agricultural products worldwide and persists in products after processing. In human as well as in animals, DAS consumption has been shown to induce haematological disorders (neutropenia, aplastic anemia). In the published literature, DAS has mainly been reported in various cereal grains (principally wheat, sorghum, maize, barley and oats) and cereal products, but also in potato products, soybeans and coffee. The highest levels have been reported for wheat, sorghum and coffee. DAS has been found to co-occur with many other mycotoxins in grains and grain-based products, in particular Fusarium toxins including type A and B trichothecenes, and zearalenone.[20]