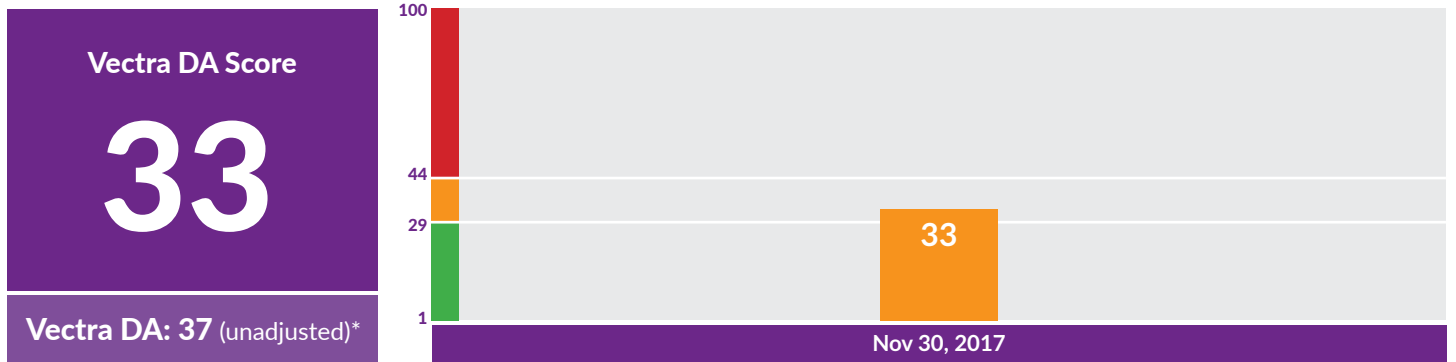


ORDERING PHYSICIAN: Physician Name, MD		PATIENT	
RECEIVING HEALTHCARE PROVIDER	SPECIMEN	Name:	Case 3
Clinic: Clinic00171	Collection Date: 11/10/2017	Date of Birth:	6/13/1952
Phone: 555-555-1234	Receipt Date: 11/20/2017	Patient ID:	000-000-0000
Fax: 555-555-1234		Gender:	Female
Report Date: 11/30/2017		TRF ID:	00000000-00

Vectra DA Score



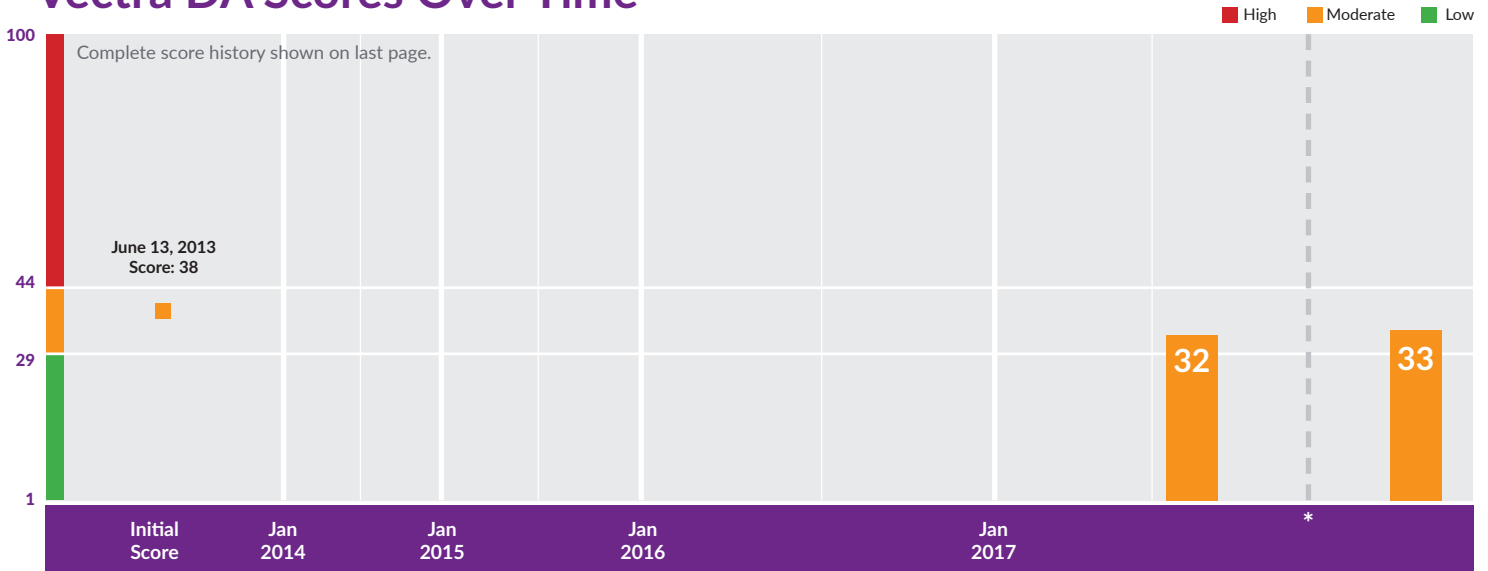
TEST DESCRIPTION

Vectra DA measures the concentrations of 12 serum proteins. An algorithm is applied to these concentrations to calculate a quantitative disease activity score ranging from 1 to 100. Test results are intended to aid in the assessment of disease activity in patients with rheumatoid arthritis (RA) when used in conjunction with standard clinical assessment. This test is not intended or validated to diagnose RA.

*As of December 4, 2017 the Vectra DA score is adjusted based on the age, gender, and adiposity of the patient. The unadjusted score is provided for historical comparison.

Vectra DA Disease Activity Levels: ■ Low: 1 to 29 ■ Moderate: 30 to 44 ■ High: 45 to 100

Vectra DA Scores Over Time



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Phone: 555-555-1234	Receipt Date: 11/20/2017	Patient ID:	000-000-0000
Fax: 555-555-1234		Gender:	Female
Report Date: 11/30/2017		TRF ID:	00000000-00

Clinical Validation

Vectra DA was validated in adults with RA, 230 who previously tested positive for rheumatoid factor (RF) and/or antibodies to cyclic citrullinated peptide (anti-CCP) and 141 who tested negative for both RF and anti-CCP. The performance of the test may differ between these two populations (Curtis et al. Arthritis Care Res. 2012; 64 (12): 1794-1803). The Vectra DA disease activity thresholds shown on the first page of this report reflect the Vectra DA score equivalents to DAS28CRP cut-offs of 2.67 (low to moderate) and 4.09 (moderate to high), respectively (Inoue et al. Ann Rheum Dis 2007; 66: 407-409), and were calculated by converting the DAS28 scale (0 to 9.4) to the Vectra DA Scale (1 to 100).

The Minimally Important Difference (MID) for Vectra DA is the smallest absolute change in score that is likely to reflect change in disease activity. The MID for patients with a moderate or high Vectra DA score is 7.6.

As of December 4, 2017 the Vectra DA score is adjusted based on the age, gender, and adiposity of the patient. The unadjusted score is provided for historical comparison.

Individual Biomarker Results

TYPE	BIOMARKER	RESULT / UNITS	RA RANGE [†]
ACUTE PHASE PROTEINS	SAA	1.1 ug/mL	0.29 - 85
	CRP	0.32 mg/L	0.19 - 92
ADHESION MOLECULES	VCAM-1	0.41 ug/mL	0.39 - 1.2
CYTOKINE-RELATED PROTEINS	IL-6	2.9 pg/mL	2.5 - 200
	TNF-RI	1.2 ng/mL	0.8 - 3.9
GROWTH FACTORS	EGF [§]	190 pg/mL	12 - 410
	VEGF-A	330 pg/mL	75 - 790
HORMONES	LEPTIN	10 ng/mL	1.5 - 120
	RESISTIN	5.7 ng/mL	3.5 - 21
MATRIX METALLOPROTEINASES	MMP-1	5.6 ng/mL	1.3 - 23
	MMP-3	17 ng/mL	7.9 - 160
SKELETAL-RELATED PROTEINS	YKL-40	45 ng/mL	22 - 540

[†] These 95% reference ranges were established from 325,781 patient samples tested at Crescendo Bioscience Clinical Laboratory.

[§] Inversely correlated with disease activity

Please note: The individual biomarker results, which are expressed to two significant figures, are required inputs into the algorithm used to calculate the Vectra DA Score. Clinical interpretation of individual biomarker levels, which have different weights in the Vectra DA algorithm, has not been established.

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Comments

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Complete Vectra DA Score History