

Vectra[®]

Guiding Rheumatoid Arthritis
Treatment Decisions

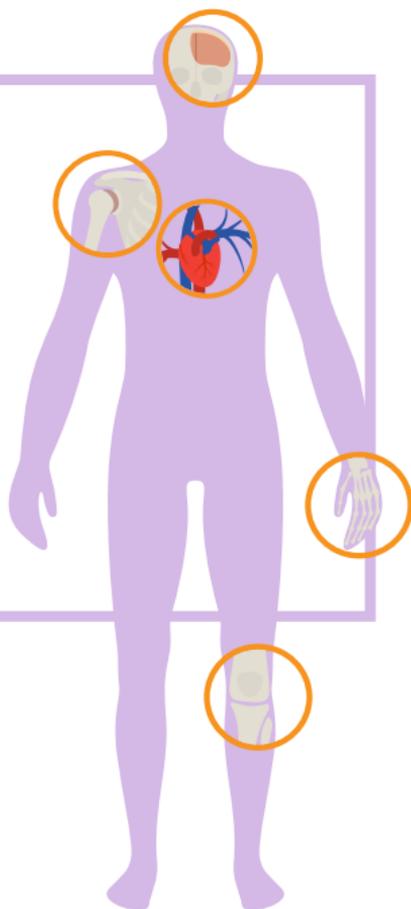
A Patient Guide to Vectra[®]

Vectra Measures Rheumatoid Arthritis Inflammation

Rheumatoid arthritis (RA) is a complicated disease with symptoms that can vary widely. Vectra reveals the extent of RA inflammation inside your body.

FACT:

Rheumatoid arthritis inflammation can damage joints and organs¹



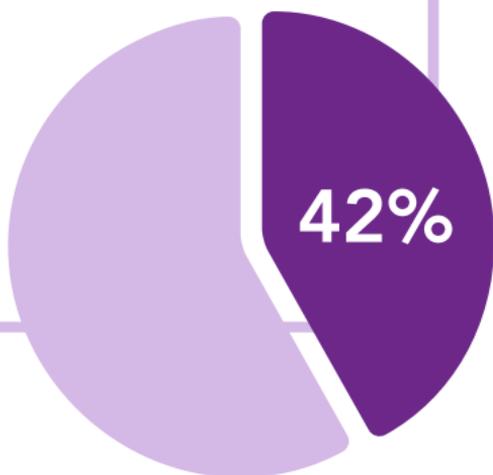
RA is more than pain and joint damage.

RA inflammation can damage organs like the heart and put you at risk for cardiovascular disease.² The goal of treatment is to protect you from damage caused by RA inflammation.

Vectra helps by providing an objective, molecular assessment of your body's RA inflammation to complement your reported symptoms and your doctor's assessment. By using the Vectra test over time, your Vectra Scores reveal how well your current treatment is controlling inflammation.³

Vectra is the Best Predictor of Future Joint Damage⁴

FACT: 42% of patients thought to be in low or moderate disease activity by traditional disease activity measure were in high disease activity measured by Vectra and thus at risk for future joint damage^{5,6}



Vectra is an advanced blood test that objectively measures inflammation caused by rheumatoid arthritis. Vectra measures 12 biomarkers implicated in RA disease. Other tests, such as C-reactive protein (CRP) and erythrocyte sedimentation rate (ESR or "sed rate"), only measure one marker. No single biomarker has been proven reliable for predicting future joint damage. **Vectra is the best predictor of your risk for developing new damage to your joints.**⁴

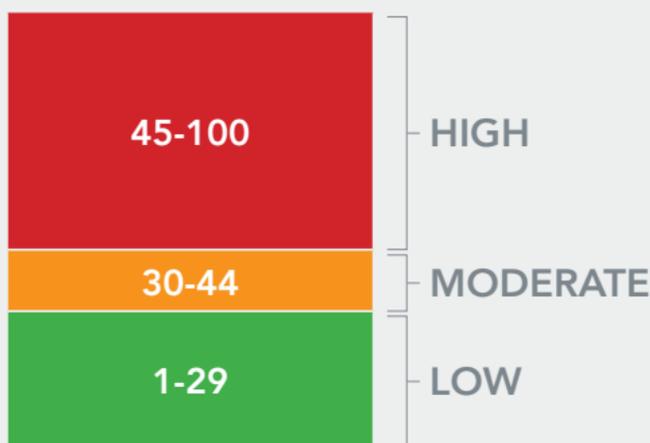
Vectra Reveals How Your Current Treatment is Working

If your Vectra Score is in the low range, this indicates a low level of RA inflammation. If your Vectra Score is in a moderate or high disease activity category, your doctor may recommend modifying your treatment plan to try to improve your response. An improved response would mean a decrease in your disease activity and also a lower risk of joint damage.

Understanding Your Vectra Score

Vectra measures 12 biomarkers implicated in rheumatoid arthritis that affect the level of RA inflammation. The scores range from 1-100 with lower scores indicating less RA inflammation and higher scores indicating more inflammation. Patients with Vectra Scores in the low range are at a lower risk of future joint damage.

The Vectra Score is reported on a **scale of 1-100**. Patients in the high and moderate categories are considered to have uncontrolled inflammation and may require treatment modification.



The goal is low disease activity

Vectra Scores over time can help you and your doctor evaluate how well your treatment plan is controlling your RA inflammation.

Vectra SAMPLE

ORDERING PHYSICIAN: Physician Name, MD		
RECEIVING HEALTHCARE PROVIDER Clinic United Partnership Example of Oklahoma University 1234 Pennsylvania Ave, Bldg 100, Ste 123, Anytown, OK 12345 Phone: 555-555-1234 / Fax: 555-555-1234		SPECIMEN Collection Date: NOV-11-2019 Receipt Date: NOV-12-2019
PATIENT Name: Jane Doe Date of Birth: NOV-1-1970 Patient ID: 000-000-0000 Gender: Female TRF ID: 00000000-00		REPORT Report Date: NOV-17-2019

Vectra Molecular Result

Vectra Score	Risk of RP	Change in Score	Vectra Score Interpretation
72 HIGH (45-100)	20% 1-Year Risk of Radiographic Progression	↑ Meaningful Increase ≥8 Units	■ High Vectra Score: 72 Patient has a High Vectra Score that increased by 8 or more units from the previous score, which was in the Moderate category. The patient is at increased risk for radiographic progression. Consider adjusting treatment regimen to reduce inflammation, and retesting at the next clinical visit.

VECTRA SCORE DESCRIPTION

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

Vectra Score measures the concentrations of 12 serum proteins. An algorithm is applied to these concentrations to calculate a quantitative disease activity score on a scale of 1 to 100. The Vectra Score is personalized based on the age, gender, and adiposity of the patient.

RISK OF RADIOGRAPHIC PROGRESSION (RP)

The risk of RP is shown as a function of Vectra Score (see graph, right). The definition of RP is a 1-year total Sharp score change of >5 units. Increased risk of RP means a greater chance of irreversible joint damage.

Patient serostatus may affect the risk of radiographic progression. Thus, the actual risk of radiographic progression may be higher if this patient is seropositive and lower if this patient is seronegative.

CHANGE IN SCORE DESCRIPTION

Change in Score is assessed in relation to the Minimally Important Difference (MID) for Vectra. The MID for patients with a Moderate or High Vectra Score is 8.0.

VECTRA SCORES OVER TIME Complete score history shown on last page.

As of December 4, 2017 the Vectra Score is adjusted based on the age, gender and adiposity of the patient.

While the Vectra Score provides important objective data, it is intended for informational purposes only and does not constitute a recommendation. Medical management decisions should be made by a rheumatologist in consultation with the patient's primary care physician and an understanding of the full medical history and clinical assessment of the patient. For full test specifications of related publications, please visit VectraDisease.com.

Laboratory Director: Bruce F. Arnold, MD, SCAP
Crescendo Bioscience, Inc., a Myriad Genetics Company
320 Wilshire Way, Suite 1000, Emeryville, CA 94608 | P: 415-773-3400

The Vectra test is intended for clinical use. Crescendo Bioscience Inc. is a Myriad Genetics, Inc. development Vectra and Crescendo Bioscience, Inc. is a Myriad Genetics, Inc. development. The Crescendo Bioscience Laboratory Improvement Amendments of 1988 (CLIA) is qualified to perform high complexity clinical testing and is a College of American Pathologists Accredited Laboratory.

Sample 4.1 PG 10/19



Meaningful Change of ≥8 Units in High or Moderate Vectra Scores. If your score goes up or down by 8 or more units, that means your level of RA inflammation has changed.⁸

Your Vectra Score is personalized for you. Because people tend to have higher or lower levels of inflammation based on their age, gender, and level of body fat, each patient's score is adjusted to account for this. This means that your score accurately reflects the RA inflammation you are experiencing.

You and your doctor don't need to rely on symptoms alone. Vectra can be used to help guide treatment decisions to take control of your disease.

Steps to Getting Vectra



Step 1

Your doctor orders a Vectra test for you



Step 2

One tube of blood is collected at your doctor's office, a local lab, a LabCorp® patient service center*, or your home by a certified professional



Step 3

Your blood sample is sent to our lab for analysis



Step 4

Your doctor receives your Vectra test report in approximately 5-7 calendar days



Step 5

Access your test result and see your score at VectraScore.com or at your next doctor appointment

*LabCorp contracts do not apply as Myriad will perform the test and bill for Vectra

Viewing Your Results

Approximately 10 days after getting your blood drawn, you can directly access your Vectra test report online by going to [VectraScore.com](https://www.vectrascore.com) and clicking on the [myVectra™](#) link. Contact Vectra customer service at 1 (877) 743-8639 for assistance with creating a myVectra patient portal account.



10
Days

GO TO

[VectraScore.com](https://www.vectrascore.com)

OR CALL CUSTOMER SERVICE AT

1-877-743-8639

FOR PATIENT MEDICAL SUPPORT CALL

1-877-743-8639 (ext. 1984)

OR EMAIL

VectraMed@myriad.com

Vectra Complements Physician & Patient Assessment

Disease Management is a Shared Effort

The most comprehensive rheumatoid arthritis assessment combines:



Patient
Assessment



Physician
Assessment



Molecular
Assessment

Vectra[®]

molecular assessment
of 12 biomarkers

Your Vectra Score, along with how you are feeling and your doctor's expertise, can help guide treatment for the best outcome possible for you.



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- Arthritis Foundation: How Arthritis Inflammation Affects Your Heart. www.arthritis.org/living-with-arthritis/comorbidities/heart-disease/ra-and-your-heart.php. Accessed 6/4/19.
- Roodenrijs NMT, et al. Arthritis Res Ther. 2018 Nov 20;20(1):256. doi: 10.1186/s13075-018-1750-5.
- Ann Rheum Dis. 2015 Jun;74(6):1102-9. Epub 2014 May Ann Rheum Dis. 2015 Jun;74(6):1102-9. Epub 2014 May 8.
- Data on file, Crescendo Biosciences, for a combined analysis of 147 patients with low or moderate DAS28-CRP from the Leiden, OPERA and SWEFOT studies.
- Curtis JR, et al. Adjustment of the multi-biomarker disease activity score to account for age, sex, and adiposity in patients with rheumatoid arthritis. Oxford Academic, Rheumatology. 2018; Dec 24.
- Huizinga T, et al. Predicting Risk of Radiographic Progression for Patients with Rheumatoid Arthritis [abstract]. Arthritis Rheumatol. 2019; 71 (suppl 10). <https://acrabstracts.org/abstract/predicting-risk-of-radiographic-progression-for-patients-with-rheumatoid-arthritis/>. Accessed October 24, 2019.
- Chernoff D, et al. Determination of the minimally important difference (MID) in multi-biomarker disease activity (MBDA) test scores: impact of diurnal and daily biomarker variation patterns on MBDA scores. Clin Rheumatol. 2018; Aug 29.

Cost & Financial Assistance

Simple Billing, No Surprises

We are committed to making precision testing accessible to RA patients.

Affordability. Due to insurance coverage and our Vectra CARE financial assistance plan:

- **Over 95% of patients owe \$90 or less**
- **Up to 70% of patients will owe \$0**

Certainty. If the out of pocket is estimated to be more than \$90, Vectra Customer Service will call you before running the test.

Financial Assistance. Our CARE Financial Assistance program can reduce the Patient Responsibility to as low as \$0 depending on your household annual income.

Should you encounter **ANY** financial hardship associated with your bill, Vectra Billing will work directly with you.

Apply for financial assistance by calling 1-877-743-8639 or visiting [VectraScore.com](https://www.VectraScore.com)

myVectra™ Patient Portal

myVectra™ provides patients access to their test results

- Go to [VectraScore.com](https://www.VectraScore.com)
- Click on myVectra link at top of page
- Use the fillable form to complete your profile information

- 1 Go to [VectraScore.com](https://www.VectraScore.com)
- 2 Click the **myVectra** link at the top right corner
- 3 Click 'Create an Account'
- 4 Questions regarding account creation, call Customer Service for assistance: **1-877-743-8639**

Notice and Statement Concerning Nondiscrimination and Accessibility

Discrimination is Against the Law

Myriad complies with applicable Federal civil rights laws and does not discriminate on the basis of race, color, national origin, age, disability, or sex. Myriad does not exclude people or treat them differently because of race, color, national origin, age, disability, or sex.

Aids and Services

Myriad provides free aids and services to people with disabilities to communicate effectively with us, such as TTY/TDD calls or written information in suitable formats. Myriad will also provide free language services to people whose primary language is not English through qualified interpreters.

If you need these services, contact Ms. Christy Garcia:

Christy Garcia
Compliance Director
320 Wakara Way
Salt Lake City, UT 84108
Telephone: (513) 701-0804
Fax: (513) 440-1781
Email: compliance@myriad.com

Grievances

If you believe that Myriad has failed to provide these services or discriminated in another way on the basis of race, color, national origin, age, disability, or sex, you may file a grievance by mail, telephone, fax, or email. If you need help filing a grievance, Ms. Garcia is available to help you (see contact information above).

Grievance Procedure

1. Any person who believes someone has been subjected to discrimination by Myriad on the basis of race, color, national origin, sex, age or disability may file a grievance with Myriad. It is against the law for Myriad to retaliate against anyone who opposes discrimination, files a grievance, or participates in the investigation of a grievance.
2. Grievances must be submitted within 60 days of the date the person filing the grievance becomes aware of the alleged discriminatory action.
3. The complaint must be in writing, containing the name and address of the person filing it. The complaint must state the problem or action alleged to be discriminatory and the remedy or relief sought.
4. Myriad will conduct an investigation of the complaint. This investigation may be informal, but it will be thorough, affording all interested persons an opportunity to submit evidence relevant to the complaint. Myriad will maintain the files and records relating to such grievances pursuant to its document retention policies. To the extent possible, and in accordance with applicable law, Myriad will take appropriate steps to preserve the confidentiality of files and records relating to grievances and will share them only with those who have a need to know.
5. Myriad will issue a written decision on the grievance, based on a preponderance of the evidence, no later than 30 days after its filing, including a notice to the complainant of their right to pursue further administrative or legal remedies.
6. The person filing the grievance may appeal Myriad's decision in writing to the President of Myriad within 15 days of receiving Myriad's initial decision. The President will issue a written decision in response to the appeal no later than 30 days after its filing.
7. Individuals seeking access to Section 1557 and its implementing regulations may be facilitated by contacting Ms. Garcia (see contact information above).
8. The availability and use of this grievance procedure does not prevent a person from pursuing other legal or administrative remedies, including filing a complaint of discrimination on the basis of race, color, national origin, sex, age or disability in court or with the U.S. Department of Health and Human Services, Office for Civil Rights. A person can file a complaint of discrimination electronically through the Office for Civil Rights Complaint Portal, which is available at: <https://ocrportal.hhs.gov/ocr/portal/lobby.jsf>, or by mail or phone at:

U.S. Department of Health and Human Services
200 Independence Avenue, SW
Room 509F, HHH Building
Washington, D.C. 20201
9. Complaint forms are available at: <http://www.hhs.gov/ocr/office/file/index.html>. Such complaints must be filed within 180 days of the date of the alleged discrimination. Myriad will make appropriate arrangements to ensure that individuals with disabilities and individuals with limited English proficiency are provided auxiliary aids and services or language assistance services, respectively, if needed to participate in this grievance process. Ms. Garcia will be responsible for such arrangements.

Español (Spanish)

Myriad cumple con las leyes federales de derechos civiles aplicables y no discrimina por motivos de raza, color, nacionalidad, edad, discapacidad o sexo. ATENCIÓN: si habla español, tiene a su disposición servicios gratuitos de asistencia lingüística. Llame al 1-513-701-0804.

繁體中文 (Chinese)

Myriad. 遵守適用的聯邦民權法律規定，不因種族、膚色、民族血統、年齡、殘障或性別而歧視任何人。

注意：如果您使用繁體中文，您可以免費獲得語言援助服務。請致電 1-513-701-0804。

Tiếng Việt (Vietnamese)

Myriad tuân thủ luật dân quyền hiện hành của Liên bang và không phân biệt đối xử dựa trên chủng tộc, màu da, nguồn gốc quốc gia, độ tuổi, khuyết tật, hoặc giới tính.

CHÚ Ý: Nếu bạn nói Tiếng Việt, có các dịch vụ hỗ trợ ngôn ngữ miễn phí dành cho bạn. Gọi số 1-513-701-0804.

한국어 (Korean)

Myriad 은(는) 관련 연방 공민권법을 준수하며 인종, 피부색, 출신 국가, 연령, 장애 또는 성별을 이유로 차별하지 않습니다.

주의: 한국어를 사용하시는 경우, 언어 지원 서비스를 무료로 이용하실 수 있습니다. 1-513-701-0804. 번으로 전화해 주십시오.

Tagalog (Tagalog – Filipino)

Sumusunod ang Myriad sa mga naaangkop na Pederal na batas sa karapatang sibil at hindi nandiskrimina batay sa lahi, kulay, bansang pinagmulan, edad, kapansanan o kasarian.

PAUNAWA: Kung nagsasalita ka ng Tagalog, maaari kang gumamit ng mga serbisyo ng tulong sa wika nang walang bayad. Tumawag sa 1-513-701-0804.

Русский (Russian)

Myriad соблюдает применимое федеральное законодательство в области гражданских прав и не допускает дискриминации по признакам расы, цвета кожи, национальной принадлежности, возраста, инвалидности или пола. ВНИМАНИЕ: Если вы говорите на русском языке, то вам доступны бесплатные услуги перевода. Звоните 1-513-701-0804.

تبرع (Arabic)

يلتزم [Myriad Genetic Laboratories, Inc.] بتوائين الحقوق المدنية الفدرالية المعمول بها ولا يميز على أساس

العرق أو اللون أو الأصل الوطني أو السن أو الإعاقة أو الجنس.

ملحوظة: إذا كنت تتحدث اذكر اللغة، فإن خدمات المساعدة اللغوية تتوافر لك بالمجان. اتصل برقم 1-513-701-0804؛

Kreyòl Ayisyen (French Creole)

Myriad konfòm ak lwa sou dwa sivil Federal ki aplikab yo e li pa fè diskriminasyon sou baz ras, koulè, peyi orijin, laj, enfimite oswa sèks. ATANSYON: Si w pale Kreyòl Ayisyen, gen sèvis èd pou lang ki disponib gratis pou ou. Rele 1-513-701-0804.

Français (French)

Myriad respecte les lois fédérales en vigueur relatives aux droits civiques et ne pratique aucune discrimination basée sur la race, la couleur de peau, l'origine nationale, l'âge, le sexe ou un handicap. ATTENTION: Si vous parlez français, des services d'aide linguistique vous sont proposés gratuitement. Appelez le 1-513-701-0804.

Português (Portuguese)

Myriad cumpre as leis de direitos civis federais aplicáveis e não exerce discriminação com base na raça, cor, nacionalidade, idade, deficiência ou sexo.

ATENÇÃO: Se fala português, encontram-se disponíveis serviços linguísticos, grátis. Ligue para 1-513-701-0804.

Italiano (Italian)

Myriad è conforme a tutte le leggi federali vigenti in materia di diritti civili e non pone in essere discriminazioni sulla base di razza, colore, origine nazionale, età, disabilità o sesso.

ATTENZIONE: In caso la lingua parlata sia l'italiano, sono disponibili servizi di assistenza linguistica gratuiti. Chiamare il numero 1-513-701-0804.

Deutsch (German)

Myriad erfüllt geltenden bundesstaatliche Menschenrechtsgesetze und lehnt jegliche Diskriminierung aufgrund von Rasse, Hautfarbe, Herkunft, Alter, Behinderung oder Geschlecht ab. ACHTUNG: Wenn Sie Deutsch sprechen, stehen Ihnen kostenlos sprachliche Hilfsdienstleistungen zur Verfügung. Rufnummer: 1-513-701-0804.

Polski (Polish)

Myriad postępuje zgodnie z obowiązującymi federalnymi prawami obywatelskimi i nie dopuszcza się dyskryminacji ze względu na rasę, kolor skóry, pochodzenie, wiek, niepełnosprawność bądź płeć.

UWAGA: Jeżeli mówisz po polsku, możesz skorzystać z bezpłatnej pomocy językowej. Zadzwoń pod numer 1-513-701-0804.

日本語 (Japanese)

Myriad は適用される連邦公民権法を遵守し、人種、肌の色、出身国、年齢、障害または性別に基づく差別をいたしません。

注意事項: 日本語を話される場合、無料の言語支援をご利用いただけます。1-513-701-0804.

ی‌یران (Farsi)

[Myriad Genetic Laboratories, Inc.] از قوانین حقوق مدنی فدرال مربوطه تبعیت می کند و

هیچگونه تبعیضی بر اساس نژاد، رنگ پوست، اصلیت ملیتی، سن، ناتوانی یا جنسیت افراد قایل نمی شود.

توجه: اگر به زبان فارسی گفتگو می کنید، تسهیلات زبانی بصورت رایگان برای شما

فراهم می باشد. با 1-513-701-0804 تماس بگیرید.



// The Vectra Score was extremely validating and empowering. My score is unbiased and represents exactly what I'm feeling.* //

- Stephanie, Vectra Patient



Proud to Partner with CreakyJoints®

CreakyJoints is a 20-year-old non-profit digital arthritis community for millions of arthritis patients and caregivers worldwide who seek:

- Educational resources to manage their disease
- Support and advice
- Advocacy opportunities
- Patient-centered research with ArthritisPower®

Find out more about your RA labs and disease monitoring at creakyjoints.org/RAtests

Vectra®

VectraScore.com // 1-877-743-8639

Myriad Autoimmune, 320 Wakara Way, Salt Lake City, UT 84108

*These statements reflect some patients' personal experience and may not be the view of the Company.

Vectra is validated for use in adults diagnosed with rheumatoid arthritis. Test results are intended to aid in the assessment of disease activity in RA patients when used in conjunction with standard clinical assessment. This test is not intended or validated to diagnose RA.

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