

Wells Fargo VT Discovery Fund

Class 2

[Link to Prospectus](#)[Link to SAI](#)

Before you invest, you may want to review the Fund's prospectus, which contains more information about the Fund and its risks. You can find the Fund's prospectus, reports to shareholders and other information about the Fund online at wellsfargofunds.com/reports. You can also get information at no cost by calling 1-800-222-8222, or by sending an email request to fundliterature@wellsfargo.com. The current prospectus ("Prospectus") and statement of additional information ("SAI"), dated May 1, 2021, as supplemented from time to time, are incorporated by reference into this summary prospectus. The Fund's SAI may be obtained, free of charge, in the same manner as the Prospectus.

Investment Objective

The Fund seeks long-term capital appreciation.

Fees and Expenses

These tables are intended to help you understand the various costs and expenses you will pay if you buy and hold shares of the Fund. These tables do not reflect any fees or other expenses imposed in connection with variable life insurance policies ("VLI Policies") or variable annuity contracts ("VA Contracts"). If they were reflected, the overall expenses would be higher than those shown.

Shareholder Fees (fees paid directly from your investment)

Maximum sales charge (load) imposed on purchases	None
Maximum deferred sales charge (load)	None

Annual Fund Operating Expenses (expenses that you pay each year as a percentage of the value of your investment)

Management Fees	0.75%
Distribution (12b-1) Fees	0.25%
Other Expenses	0.14%
Total Annual Fund Operating Expenses	1.14%
Fee Waivers	0.00%
Total Annual Fund Operating Expenses After Fee Waivers¹	1.14%

1. The Manager has contractually committed through April 30, 2022, to waive fees and/or reimburse expenses to the extent necessary to cap the Fund's Total Annual Fund Operating Expenses After Fee Waivers at 1.15% for Class 2. Brokerage commissions, stamp duty fees, interest, taxes, acquired fund fees and expenses (if any), and extraordinary expenses are excluded from the expense cap. Prior to or after the commitment expiration date, the cap may be increased or the commitment to maintain the cap may be terminated only with the approval of the Board of Trustees.

Example of Expenses

The example below is intended to help you compare the costs of investing in the Fund with the costs of investing in other funds. The example assumes a \$10,000 initial investment, 5% annual total return, and that fees and expenses remain the same as in the tables above. To the extent that the Manager is waiving fees or reimbursing expenses, the example assumes that such waiver or reimbursement will only be in place through the date noted above. The example does not reflect any fees or other expenses imposed in connection with VLI Policies or VA Contracts and the amounts shown would be higher if such fees and expenses were included. Although your actual costs may be higher or lower, based on these assumptions your costs would be:

After:	
1 Year	\$116
3 Years	\$362
5 Years	\$628
10 Years	\$1386

Portfolio Turnover

The Fund pays transaction costs, such as commissions, when it buys and sells securities (or “turns over” its portfolio). A higher portfolio turnover rate may indicate higher transaction costs and may result in higher taxes when Fund shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or in the example, affect the Fund’s performance. During the most recent fiscal year, the Fund’s portfolio turnover rate was 47% of the average value of its portfolio.

Principal Investment Strategies

Under normal circumstances, we invest:

- at least 80% of the Fund’s net assets in equity securities of small- and medium-capitalization companies; and
- up to 25% of the Fund’s total assets in equity securities of foreign issuers through ADRs and similar investments.

We invest in equity securities of small- and medium-capitalization companies that we believe offer favorable opportunities for growth. We define small- and medium capitalization companies as those with market capitalizations at the time of purchase equal to or lower than the company with the largest market capitalization in the Russell Midcap® Index, which was approximately \$55.9 billion as of March 31, 2021, and is expected to change frequently. We may also invest in equity securities of foreign issuers through ADRs and similar investments.

We seek to identify companies that have the prospect for strong sales and earnings growth rates, that enjoy a competitive advantage (for example, dominant market share) and that we believe have effective management with a history of making investments that are in the best interests of shareholders (for example, companies with a history of earnings and sales growth that are in excess of total asset growth). Furthermore, we seek to identify companies that embrace innovation and foster disruption using technology to maximize efficiencies, gain pricing advantages, and take market share from competitors. We view innovative companies as those that, among other characteristics, have the ability to advance new products or services through investment in research and development, that operate a business model that is displacing legacy industry incumbents, that are pursuing a large unmet need or total available market, and/or that are benefitting from changes in demographic, lifestyle, or environmental trends. We believe innovation found in companies on the “right side of change” is often mispriced in today’s public equity markets and is a frequent signal or anomaly that we seek to exploit through our investment process. We pay particular attention to how management teams allocate capital in order to drive future cash flow. Price objectives are determined based on industry-specific valuation methodologies, including relative price-to-earnings multiples, price-to-book value, operating profit margin trends, enterprise value to EBITDA (earnings before interest, taxes, depreciation and amortization) and free cash flow yield. In addition to meeting with management, we take a surround the company approach by surveying a company’s vendors, distributors, competitors and customers to obtain multiple perspectives that help us make better investment decisions. Portfolio holdings are continuously monitored for changes in fundamentals. The team seeks a favorable risk/reward relationship to fair valuation, which we define as the value of the company (i.e., our price target for the stock) relative to where the stock is currently trading. We may invest in any sector, and at times the Fund may emphasize one or more particular sectors. We may choose to sell a holding when it no longer offers favorable growth prospects, reaches our target price, or to take advantage of a better investment opportunity.

Principal Investment Risks

An investment in the Fund may lose money, is not a deposit of Wells Fargo Bank, N.A. or its affiliates, is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other governmental agency, and is primarily subject to the risks briefly summarized below.

Market Risk. The values of, and/or the income generated by, securities held by the Fund may decline due to general market conditions or other factors, including those directly involving the issuers of such securities. Securities markets are volatile and may decline significantly in response to adverse issuer, regulatory, political, or economic developments. Different sectors of the market and different security types may react differently to such developments.

Equity Securities Risk. The values of equity securities may experience periods of substantial price volatility and may decline significantly over short time periods. In general, the values of equity securities are more volatile than those of debt securities. Equity securities fluctuate in value and price in response to factors specific to the issuer of the security, such as management performance, financial condition, and market demand for the issuer’s products or services, as well as factors unrelated to the

fundamental condition of the issuer, including general market, economic and political conditions. Different parts of a market, industry and sector may react differently to adverse issuer, market, regulatory, political, and economic developments.

Smaller Company Securities Risk. Securities of companies with smaller market capitalizations tend to be more volatile and less liquid than those of larger companies.

Foreign Investment Risk. Foreign investments may be subject to lower liquidity, greater price volatility and risks related to adverse political, regulatory, market or economic developments. Foreign investments may involve exposure to changes in foreign currency exchange rates and may be subject to higher withholding and other taxes.

Growth/Value Investing Risk. Securities that exhibit growth or value characteristics tend to perform differently and shift into and out of favor with investors depending on changes in market and economic sentiment and conditions.

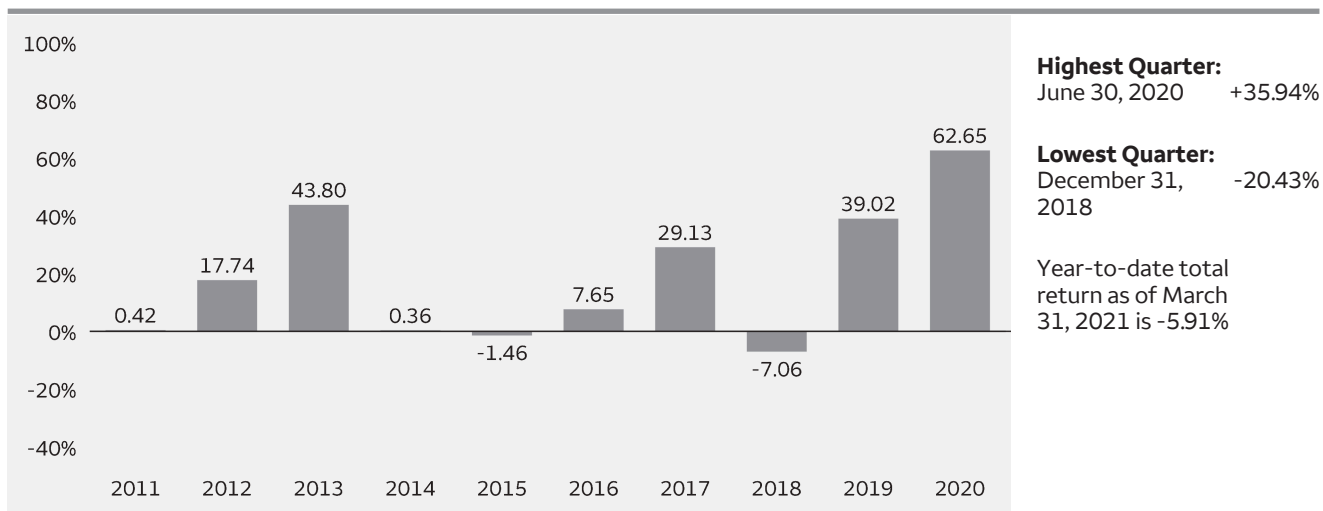
Management Risk. Investment decisions, techniques, analyses or models implemented by a Fund's manager or sub-adviser in seeking to achieve the Fund's investment objective may not produce expected returns, may cause the Fund's shares to lose value or may cause the Fund to underperform other funds with similar investment objectives.

Performance

The following information provides some indication of the risks of investing in the Fund by showing changes in the Fund's performance from year to year. The Fund's average annual total returns are compared to the performance of one or more indices. Past performance is no guarantee of future results. Current month-end performance is available on the Fund's website at wfam.com.

The performance for the Fund does not reflect fees charged by VLI Policies or VA Contracts. If it did, returns would be lower.

Calendar Year Total Returns for Class 2 shares as of 12/31 each year



Average Annual Total Returns for the periods ended 12/31/2020

	Inception Date of Share Class	1 Year	5 Year	10 Year
Class 2	5/8/1992	62.65%	23.91%	17.25%
Russell 2500™ Growth Index (reflects no deduction for fees, expenses, or taxes)		40.47%	18.68%	15.00%

Fund Management

Manager	Sub-Adviser	Portfolio Manager, Title/Managed Since
Wells Fargo Funds Management, LLC	Wells Capital Management Incorporated	Michael T. Smith, CFA , Portfolio Manager/2011 Christopher J. Warner, CFA , Portfolio Manager/2012

Purchase and Sale of Fund Shares

Shares of Wells Fargo Variable Trust (“WFVT”) are not offered directly to the general public. The Trust currently offers its Fund shares to separate accounts of various life insurance companies as funding vehicles for certain VA Contracts and VLI Policies issued through the separate accounts by such life insurance companies. Many of the separate accounts are registered as investment companies with the SEC. WFVT has entered into an agreement with the life insurance company sponsor of each separate account setting forth the terms and conditions pursuant to which the insurer will purchase and redeem shares of the Fund. Please refer to your VA Contract or VLI Policy prospectus for more information regarding the purchase and sale of your Fund shares.

Tax Information

For federal income tax purposes, the Fund is treated as a separate entity. The Fund intends to qualify each year as a “regulated investment company” under the Internal Revenue Code. By so qualifying, the Fund expects to have little or no liability for federal income taxes by distributing substantially all of its net investment income and net realized capital gains to the separate accounts each year. Please refer to the VA Contract or VLI Policy prospectus for additional information on tax matters.

Payments to Insurance Companies

Fund shares are available only through separate accounts issued by various life insurance companies. The Fund and its related companies may make payments to such insurance companies or their affiliates for distribution and administrative services. These payments may create a conflict of interest by influencing the insurance company to recommend the Fund over another investment. Consult your insurance company for more information about these payments.

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**SUPPLEMENT TO THE
PROSPECTUSES AND SUMMARY PROSPECTUSES
OF
WELLS FARGO ALTERNATIVE FUNDS
WELLS FARGO COREBUILDER SHARES
WELLS FARGO FIXED INCOME FUNDS
WELLS FARGO INTERNATIONAL AND GLOBAL EQUITY FUNDS
WELLS FARGO MONEY MARKET FUNDS
WELLS FARGO MULTI-ASSET FUNDS
WELLS FARGO MUNICIPAL FIXED INCOME FUNDS
WELLS FARGO SPECIALTY FUNDS
WELLS FARGO TARGET DATE RETIREMENT FUNDS
WELLS FARGO U.S. EQUITY FUNDS
WELLS FARGO VARIABLE TRUST FUNDS
(Each a “Fund”, together the “Funds”)**

On February 23, 2021, Wells Fargo & Company (“Wells Fargo”) announced that it has entered into a definitive agreement to sell Wells Fargo Asset Management (“WFAM”) to GTCR LLC (“GTCR”) and Reverence Capital Partners, L.P. (“Reverence Capital Partners”). WFAM is the trade name used by the asset management businesses of Wells Fargo and includes Wells Fargo Funds Management, LLC, the investment manager to the Funds, Wells Capital Management Incorporated and Wells Fargo Asset Management (International) Limited, both registered investment advisers providing sub-advisory services to certain Funds, and Wells Fargo Funds Distributor, LLC, the Funds’ principal underwriter. Under the terms of the agreement, the purchase price is \$2.1 billion. As part of the transaction, Wells Fargo will own a 9.9% equity interest and will continue to serve as an important client and distribution partner.

Consummation of the transaction will result in the automatic termination of each Fund’s investment management agreement and sub-advisory agreement(s). The Funds’ Boards of Trustees (the “Boards”) will be asked to approve new investment management arrangements with the new company. If approved by the Boards, and to the extent required by applicable law, the new investment management arrangements with the new company will be presented to the shareholders of each Fund for approval, and, if approved by shareholders, would take effect upon the closing of the transaction. The transaction is expected to close in the second half of 2021, subject to customary closing conditions.

Founded in 1980, GTCR is a leading private equity firm focused on investing in growth companies in the Healthcare, Financial Services & Technology, Technology, Media & Telecommunications, and Growth Business Services Industries. The Chicago-based firm pioneered The Leaders Strategy™ — finding and partnering with management leaders in core domains to identify, acquire, and build market-leading companies through transformational acquisitions and organic growth. Since its inception, GTCR has invested more than \$20 billion in over 250 companies.

Reverence Capital Partners is a private investment firm focused on thematic investing in leading global, middle-market financial services businesses through control and influence-oriented investments in five sectors: (1) Depositories and Finance Companies, (2) Asset and Wealth Management, (3) Insurance, (4) Capital Markets and (5) Financial Technology/ Payments. The firm was founded in 2013 by Milton Berlinski, Peter Aberg, and Alex Chulack, who collectively bring over 90 years of advisory and investing experience across a wide range of financial services sectors.

February 23, 2021

AFAM021/P503SP

**SUPPLEMENT TO THE
PROSPECTUSES, SUMMARY PROSPECTUSES AND STATEMENT OF ADDITIONAL INFORMATION
OF
WELLS FARGO ALTERNATIVE FUNDS
WELLS FARGO COREBUILDER SHARES
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(Each a "Fund", together the "Funds")**

At a meeting held July 15, 2021, the Board of Trustees of the Wells Fargo Funds approved a change in the Funds' names to remove "Wells Fargo" from each Fund's name and replace with "Allspring". The change is expected to go into effect on Oct. 11, 2021.

Wells Fargo Asset Management (WFAM) today announced that it will be changing its company name to Allspring Global Investments upon the closing of the previously announced sale transaction of WFAM by Wells Fargo & Company to GTCR LLC and Reverence Capital Partners, L.P. The new corporate name is expected to go into effect on the closing date of the transaction, which is anticipated to occur in the second half of 2021, subject to customary closing conditions.

Following the closing of the transaction, Wells Fargo Funds Management, LLC, the Fund's Investment Manager, Wells Capital Management Incorporated and Wells Fargo Asset Management (International) Limited, each Sub-advisors to certain Funds, and Wells Fargo Funds Distributor, LLC, the Funds' principal underwriter, will each migrate to Allspring.

July 26, 2021

SFR071/P401SP

**SUPPLEMENT TO THE
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Wells Fargo Asset Management today announced that the Funds' names will be changing from "Wells Fargo" to "Allspring" on December 6, 2021. This date for the name change replaces the previously announced date of October 11, 2021.

September 30, 2021

091MMR/P1201SP