



**HORIZONS** ETFs  
by Mirae Asset

## Horizons Global Vaccines and Infectious Diseases Index ETF (HVAX:TSX)

### Summary of Investment Portfolio

As at March 31, 2022

<b>Asset Mix</b>		<b>Net Asset Value</b>	<b>% of ETF's Net Asset Value</b>
U.S. Equities	\$	1,661,109	64.36%
Global Equities		871,404	33.76%
Currency Forward Hedge*		40,501	1.57%
Cash and Cash Equivalents		9,502	0.37%
Other Assets less Liabilities		(1,587)	-0.06%
	\$	<b>2,580,929</b>	<b>100.00%</b>

<b>Sector Mix</b>		<b>Net Asset Value</b>	<b>% of ETF's Net Asset Value</b>
Health Care	\$	2,532,513	98.12%
Currency Forward Hedge*		40,501	1.57%
Cash and Cash Equivalents		9,502	0.37%
Other Assets less Liabilities		(1,587)	-0.06%
	\$	<b>2,580,929</b>	<b>100.00%</b>

\* Positions in forward contracts are disclosed as the gain/(loss) that would be realized if the contracts were closed out on the date of this report.



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## Horizons Global Vaccines and Infectious Diseases Index ETF (HVAX:TSX)

### Summary of Investment Portfolio (continued)

As at March 31, 2022

<b>Top 25 Holdings</b>	<b>% of ETF's Net Asset Value</b>
BioNTech SE, ADR	5.76%
Moderna Inc.	5.74%
Vaxcyte Inc.	5.72%
CureVac NV	4.98%
Pfizer Inc.	4.92%
Sanofi SA	4.65%
Novavax Inc.	4.46%
Johnson & Johnson	4.22%
Inovio Pharmaceuticals Inc.	4.08%
Maravai LifeSciences Holdings Inc.	4.07%
Regeneron Pharmaceuticals Inc.	4.03%
Merck & Co. Inc.	3.91%
Valneva SE	3.86%
AstraZeneca PLC	3.84%
ImmunityBio Inc.	3.52%
Vir Biotechnology Inc.	3.51%
Quidel Corp.	3.08%
3SBio Inc.	2.69%
CanSino Biologics Inc.	2.35%
Sorrento Therapeutics Inc.	2.32%
Dynavax Technologies Corp.	2.27%
GlaxoSmithKline PLC	2.10%
Shanghai Junshi Biosciences Co. Ltd.	1.82%
Adaptive Biotechnologies Corp.	1.72%
Imugene Ltd.	1.71%

The summary of investment portfolio may change due to the ongoing portfolio transactions of the ETF. The ETF's most recent financial statements are available at no cost by calling toll free 1-866-641-5739, or (416) 933-5745, by writing to us at Horizons ETFs Management (Canada) Inc., 55 University Avenue, Suite 800, Toronto, Ontario, M5J 2H7, by visiting our website at [www.horizonsetfs.com](http://www.horizonsetfs.com) or through SEDAR at [www.sedar.com](http://www.sedar.com).