

## MarketVector™ Bioproduction Tech and Tools ESG Index

The MarketVector™ Bioproduction Tech and Tools ESG Index tracks the performance of the largest and most liquid global companies involved in the development of technologies, tools, materials, and processes related to the development or manufacture of biopharmaceuticals. This is a modified market cap-weighted index, and includes companies that generate at least 50% of their revenue from bioproduction and the following products and services related to the bioproduction industry: laboratory technologies, contract research, contract manufacturing, and clinical diagnostics. MVBIOP covers at least 98% of the investable universe and adheres to ESG criteria.

### Key Features



	All Time High/Low	52-Week High/Low
<b>Total Return Net Index</b>	3,812.70/817.83	2,580.22/1,974.28

#### Size and Liquidity Requirements

Full MCap of at least 150 mln USD. Three month average-daily-trading volume of at least 1 mln USD at a review and also at the previous two reviews. At least 250,000 shares traded per month over the last six months at a review and also at the previous two reviews.

#### Universe

Companies have to generate at least 50% revenues from products and services related to the bioproduction industry.

#### Diversification

Company weights are capped at 5%.

#### Review

Quarterly.

### Index Data

INDEX PARAMETERS				FUNDAMENTALS*		ANNUALISED PERFORMANCE*	
Launch Date	22 May 2023	Components	50	Price/Earnings Trailing	-189.61	1 Month	-1.39%
Type	Sector	Volatility (250 days)	18.29	Price/Book	3.40	1 Year	1.17%
Currency	EUR	Full MCap bn USD	881.52	Price/Sales	4.27	3 Years	-7.11%
Base Date	31 Dec 2015	Float MCap bn USD	696.60	Price/Cash Flow	23.82	5 Years	6.66%
Base Value	1,000.00	Correlation* (250 days)	0.48	Dividend Yield	0.28	7 Years	11.75%
* MSCI ACWI Biotechnology				* as of 31 Mar 2024		* Total Return Net Index	

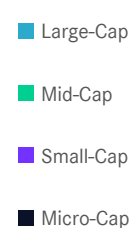
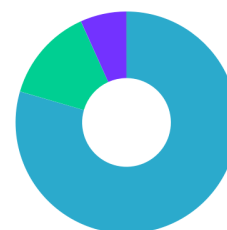
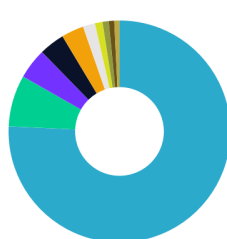
\* MSCI ACWI Biotechnology

\* as of 31 Mar 2024

\* Total Return Net Index

### Country and Size Weightings

Country	Count	Weight
United States	37	75.74%
Switzerland	2	7.49%
Germany	3	4.46%
Ireland	1	3.72%
France	2	3.27%
Netherlands	1	1.77%
Italy	1	1.10%
Canada	1	0.90%
United Kingdom	1	0.82%
Denmark	1	0.74%

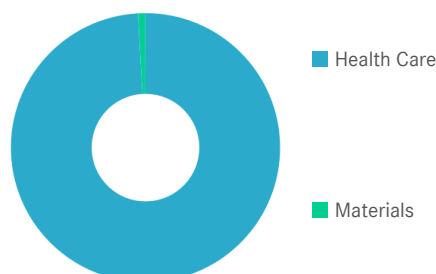


Size	Count	Weight
Large-Cap (> 6 bn)	29	79.52%
Mid-Cap (1.5 bn - 6 bn)	13	13.74%
Small-Cap (0.2 bn - 1.5 bn)	8	6.74%
Micro-Cap (0.0 bn - 0.2 bn)	0	0.00%

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## Sector Weightings

Sector	Count	Weight
Health Care	49	99.11%
Materials	1	0.89%



## Index Components

Top Components by Weight	Country	Weight	Best Performing Components	YTD	1 Day
LONZA GROUP AG	CH	6.05%	GUARDANT HEALTH INC	-31.02%	5.84%
AGILENT TECHNOLOGIES INC	US	4.99%	CERTARA INC	7.67%	4.35%
THERMO FISHER SCIENTIFIC INC	US	4.95%	REVVITY INC	-2.59%	4.04%
DANAHER CORP	US	4.88%	ABCELLERA BIOLOGICS INC	-21.37%	3.46%
IQVIA HOLDINGS INC	US	4.83%	EVOTEC SE	-33.38%	3.40%
WEST PHARMACEUTICAL SERVICES INC	US	4.07%			
METTLER-TOLEDO INTL	US	3.89%			
ICON PLC	IE	3.72%			
ILLUMINA INC	US	3.01%			
HOLOGIC INC	US	2.61%			
LABORATORY CRP OF AMER HLDGS	US	2.55%			
AVANTOR INC	US	2.45%			
<b>Subtotal</b>		47.99%			
			<b>Worst Performing Components</b>	<b>YTD</b>	<b>1 Day</b>
			NATERA INC	52.35%	-1.36%
			AZENTA INC	-12.93%	-1.32%
			OXFORD NANOPORE TECHNOLOGIES PLC	-46.87%	-1.24%
			MARAVAI LIFESCIENCES HOLDINGS INC	20.15%	-1.01%
			AVANTOR INC	12.44%	-0.77%

## Symbols

	Symbol	ISIN	WKN	Sedol	Bloomberg	Reuters	Telekurs
<b>Price Index</b>	MVBIOP	DE000SLOHER5	SLOHER	BLCW7X2	MVBIOP	.MVBIOP	126997722
<b>Total Return Net</b>	MVBIOPTR	DE000SLOHES3	SLOHES	BLCW7Y3	MVBIOPTR	.MVBIOPTR	126998299
<b>Total Return Gross</b>	-	-	-	-	-	-	-

For further information visit [www.marketvector.com](http://www.marketvector.com)

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