



Performance Report for: <https://www.accutarbio.com/>

Report generated: Tue, Mar 12, 2024 1:51 AM -0700
 Test Server Location: London, UK
 Using: Chrome 117.0.0.0, Lighthouse 11.0.0

B	Performance	Structure	L. Contentful Paint	T. Blocking Time	C. Layout Shift
	88%	80%	1.4s	0ms	0

Top Issues

High	Eliminate render-blocking resources <small>FCP LCP</small>	Potential savings of 2.2s
Med	Use explicit width and height on image elements <small>CLS</small>	6 images found
Med	Serve static assets with an efficient cache policy	Potential savings of 2.50MB
Med-Low	Avoid CSS @import <small>FCP LCP</small>	1 resource found
Low	Use HTTP/2 for all resources	Potential savings of 860ms

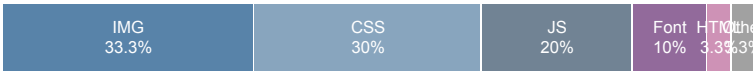
Page Details



Total Page Size - 2.50MB



Total Page Requests - 30



■ HTML
 ■ JS
 ■ CSS
 ■ IMG
 ■ Video
 ■ Font
 ■ Other

How does this affect me?

Today's web user expects a fast and seamless website experience. Delivering that fast experience can result in increased visits, conversions and overall happiness.

As if you didn't need more incentive, **Google has announced that they are using page speed in their ranking algorithm.**

About GTmetrix

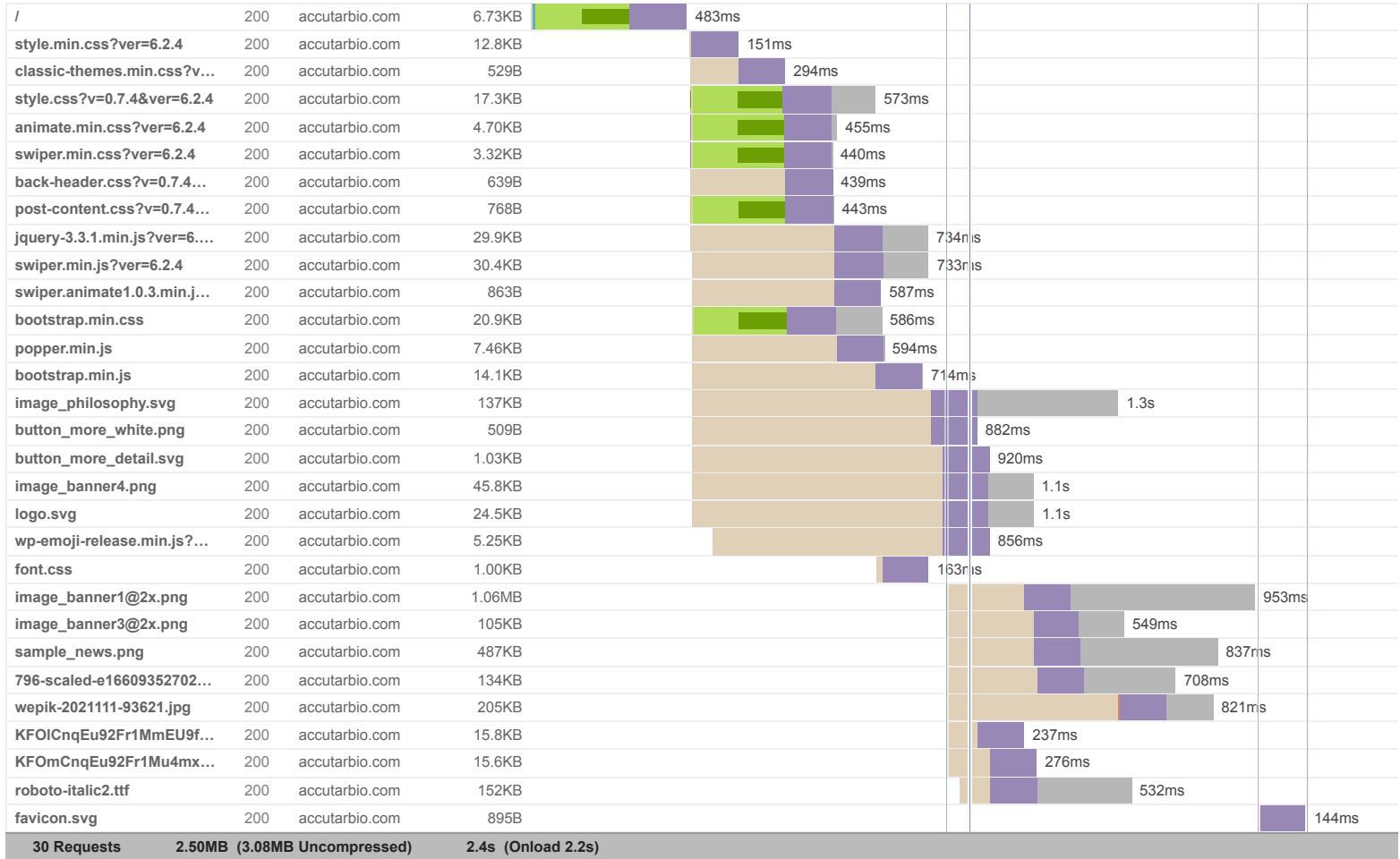


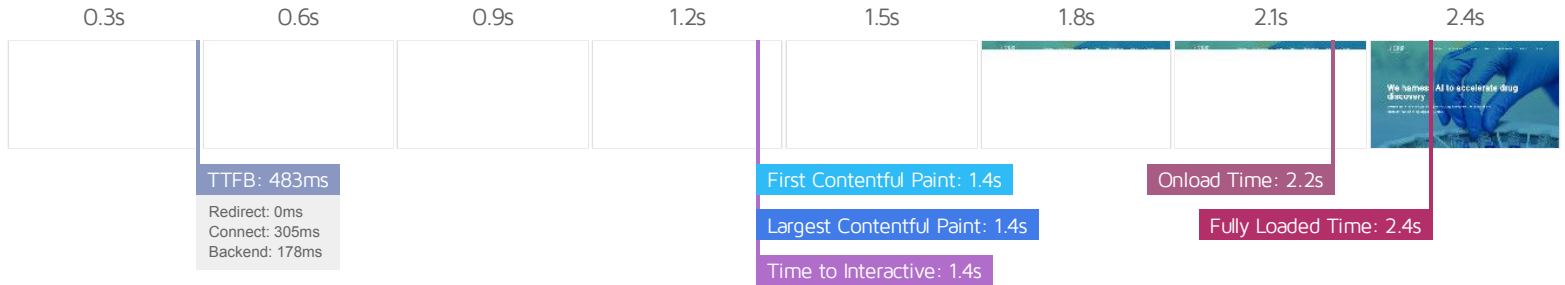
GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 28 years experience in web technology.

<https://carbon60.com/>

The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

Accutar Biotech





Performance Metrics

<p>First Contentful Paint</p> <p>How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.</p>	<p>Longer than recommended</p> <p>1.4s</p>	<p>Time to Interactive</p> <p>How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.</p>	<p>Good - Nothing to do here</p> <p>1.4s</p>
<p>Speed Index</p> <p>How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.</p>	<p>Much longer than recommended</p> <p>2.3s</p>	<p>Total Blocking Time</p> <p>How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.</p>	<p>Good - Nothing to do here</p> <p>0ms</p>
<p>Largest Contentful Paint</p> <p>How long it takes for the largest element of content (e.g. a hero image) to be painted on your page. A good user experience is 1.2s or less.</p>	<p>OK, but consider improvement</p> <p>1.4s</p>	<p>Cumulative Layout Shift</p> <p>How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.</p>	<p>Good - Nothing to do here</p> <p>0</p>

Browser Timings

Redirect	0ms	Connect	305ms	Backend	178ms
TTFB	483ms	DOM Int.	1.3s	DOM Loaded	1.3s
First Paint	1.4s	Onload	2.2s	Fully Loaded	2.4s

IMPACT AUDIT

Low

Avoid enormous network payloads LCP

Total size was 2.50MB

Large network payloads cost users real money and are highly correlated with long load times.

URL	TRANSFER SIZE
https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/images/image_banner1@2x.png	1.06MB
https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/images/sample_news.png	487KB
https://www.accutarbio.com/wp-content/uploads/2021/12/wepik-2021111-93621.jpg	205KB
https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/fonts/roboto-italic2.ttf	152KB
https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/images/image_philosophy.svg	137KB
https://www.accutarbio.com/wp-content/uploads/2022/08/796-scaled-e1660935270258.jpg	134KB
https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/images/image_banner3@2x.png	105KB
https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/images/image_banner4.png	45.8KB
https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/js/swiper.min.js?ver=6.2.4	30.4KB
https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/js/jquery-3.3.1.min.js?ver=6.2.4	29.9KB

Low

Ensure text remains visible during webfont load FCP LCP

1 font found

Leverage the `font-display` CSS feature to ensure text is user-visible while webfonts are loading.

URL	POTENTIAL SAVINGS
https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/fonts/roboto-italic2.ttf	514ms

Low

Serve images in next-gen formats

Potential savings of 1.40MB

Image formats like WebP and AVIF often provide better compression than PNG or JPEG, which means faster downloads and less data consumption.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/images/image_banner1@2x.png	1.06MB	624KB
https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/images/sample_news.png	487KB	459KB
https://www.accutarbio.com/wp-content/uploads/2021/12/wepik-2021111-93621.jpg	205KB	167KB
https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/images/image_banner3@2x.png	104KB	80.1KB
https://www.accutarbio.com/wp-content/uploads/2022/08/796-scaled-e1660935270258.jpg	134KB	73.2KB
https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/images/image_banner4.png	45.5KB	33.0KB

Low

Avoid chaining critical requests FCP LCP

15 chains found

The Critical Request Chains below show you what resources are loaded with a high priority. Consider reducing the length of chains, reducing the download size of resources, or deferring the download of unnecessary resources to improve page load.

Maximum critical path latency: 1.9s

INITIAL NAVIGATION

https://www.accutarbio.com/ 6.73KB, 482ms

- <https://www.accutarbio.com/wp-includes/css/dist/block-library/style.min.css?ver=6.2.4> 12.8KB, 148ms
- <https://www.accutarbio.com/wp-includes/css/classic-themes.min.css?ver=6.2.4> 529B, 291ms
- <https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/css/bootstrap.min.css> 20.9KB, 582ms
- <https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/js/popper.min.js> 7.46KB, 590ms
- <https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/css/swiper.min.css?ver=6.2.4> 3.32KB, 437ms
- <https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/js/bootstrap.min.js> 14.1KB, 706ms
- <https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/css/post-content.css?v=0.7.4&ver=6.2.4> 768B, 441ms
- <https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/js/jquery-3.3.1.min.js?ver=6.2.4> 29.9KB, 727ms
- <https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/css/back-header.css?v=0.7.4&ver=6.2.4> 639B, 437ms
- <https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/css/animate.min.css?ver=6.2.4> 4.70KB, 452ms
- <https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/js/swiper.min.js?ver=6.2.4> 30.4KB, 729ms
- <https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/js/swiper.animate1.0.3.min.js?ver=6.2.4> 863B, 582ms
- <https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/style.css?v=0.7.4&ver=6.2.4> 17.3KB, 571ms
- <https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/fonts/roboto-italic2.ttf> 152KB, 514ms
- <https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/fonts/font.css> 1.00KB, 161ms
- <https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/fonts/KFOmCngEu92Fr1Mu4mxK.woff2> 15.6KB, 221ms
- <https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/fonts/KFOlCnqEu92Fr1MmEU9fBbc4.woff2> 15.8KB, 182ms

Low **Efficiently encode images** Potential savings of 116KB

Optimized images load faster and consume less cellular data.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://www.accutarbio.com/wp-content/uploads/2021/12/wepik-2021111-93621.jpg	205KB	116KB

Low **Avoid long main-thread tasks** TBT 1 long task found

Lists the longest tasks on the main thread, useful for identifying worst contributors to input delay.

URL	START TIME	DURATION
• https://www.accutarbio.com/	511ms	55ms

Low **Reduce unused CSS** FCP LCP Potential savings of 48.8KB

Reduce unused rules from stylesheets and defer CSS not used for above-the-fold content to decrease bytes consumed by network activity.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
• https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/css/bootstrap.min.css	20.9KB	20.2KB
• https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/style.css?v=0.7.4&ver=6.2.4	17.3KB	15.8KB
• https://www.accutarbio.com/wp-includes/css/dist/block-library/style.min.css?ver=6.2.4	12.8KB	12.7KB

Low **Reduce initial server response time** FCP LCP Root document took 177ms

Keep the server response time for the main document short because all other requests depend on it.

URL	TIME SPENT
<ul style="list-style-type: none"> https://www.accutarbio.com/ 	177ms

Low **Minify CSS** FCP LCP Potential savings of 4.58KB

Minifying CSS files can reduce network payload sizes.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
<ul style="list-style-type: none"> https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/style.css?v=0.7.4&ver=6.2.4 	17.3KB	4.58KB

Low **Reduce unused JavaScript** LCP Potential savings of 26.9KB

Reduce unused JavaScript and defer loading scripts until they are required to decrease bytes consumed by network activity.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
<ul style="list-style-type: none"> https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/js/swiper.min.js?ver=6.2.4 	30.4KB	26.9KB

N/A **Avoid an excessive DOM size** TBT 139 elements

A large DOM will increase memory usage, cause longer style calculations, and produce costly layout reflows.

STATISTIC	ELEMENT	VALUE
Total DOM Elements		139
Maximum DOM Depth	AI Solutions 	8
Maximum Child Elements	body.pc-body <body class="pc-body">	9

N/A **Largest Contentful Paint element** LCP 1,350 ms

This is the largest contentful element painted within the viewport.

ELEMENT
We harness AI to accelerate drug discovery <div class="title">

PHASE	% OF LCP	TIMING
TTFB	36%	482ms
Load Delay	0%	0ms
Load Time	0%	0ms
Render Delay	64%	869ms

N/A

Reduce JavaScript execution time TBT

62ms spent executing JavaScript

Consider reducing the time spent parsing, compiling, and executing JS. You may find delivering smaller JS payloads helps with this.

URL	TOTAL CPU TIME	SCRIPT EVALUATION	SCRIPT PARSE
• https://www.accutarbio.com/	180ms	52ms	1ms
• Unattributable	111ms	8ms	0ms

N/A

Avoid serving legacy JavaScript to modern browsers TBT

Potential savings of 62B

Polyfills and transforms enable legacy browsers to use new JavaScript features. However, many aren't necessary for modern browsers. For your bundled JavaScript, adopt a modern script deployment strategy using module/nomodule feature detection to reduce the amount of code shipped to modern browsers, while retaining support for legacy browsers.

URL	POTENTIAL SAVINGS
https://www.accutarbio.com/wp-content/themes/wordpress-theme-master/js/popper.min.js Line:3 Column:12041	62B <code>@babel/plugin-transform-classes</code>

N/A

Avoid large layout shifts CLS

5 elements found

These DOM elements contribute most to the CLS of the page.

ELEMENT	CLS CONTRIBUTION
Pipeline AI Solutions About News Publications Join Us Contact <code><div class="collapse navbar-collapse" id="navbarTogglerDemo01"></code>	0.00
AI Solutions <code></code>	0.00
Publications <code></code>	0.00
Pipeline <code></code>	0.00
About <code></code>	0.00

N/A

Minimize main-thread work TBT

Main-thread busy for 364ms

Consider reducing the time spent parsing, compiling and executing JS. You may find delivering smaller JS payloads helps with this.

CATEGORY	TIME SPENT
Other	154ms
Script Evaluation	86ms
Style & Layout	74ms
Parse HTML & CSS	27ms
Rendering	14ms
Script Parsing & Compilation	7ms

N/A

User Timing marks and measures

No user timings and/or marks found.

N/A

Reduce the impact of third-party code TBT

Nothing to do here, good job!
