



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

Report generated: Wed, Mar 13, 2024 2:20 AM -0700

Test Server Location: London, UK

Using: Chrome 117.0.0.0, Lighthouse 11.0.0

E	Performance	Structure	L. Contentful Paint	T. Blocking Time	C. Layout Shift
	45%	79%	2.5s	356ms	0.48

Top Issues

High	Avoid enormous network payloads <small>LCP</small>	Total size was 6.44MB
Med	Don't lazy load Largest Contentful Paint image <small>LCP</small>	LCP was lazy loaded
Med	Avoid large layout shifts <small>CLS</small>	5 elements found
Med	Use explicit width and height on image elements <small>CLS</small>	1 image found
Med-Low	Avoid an excessive DOM size <small>TBT</small>	1,293 elements

Page Details



Total Page Size - 6.43MB



Total Page Requests - 100



Legend: 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

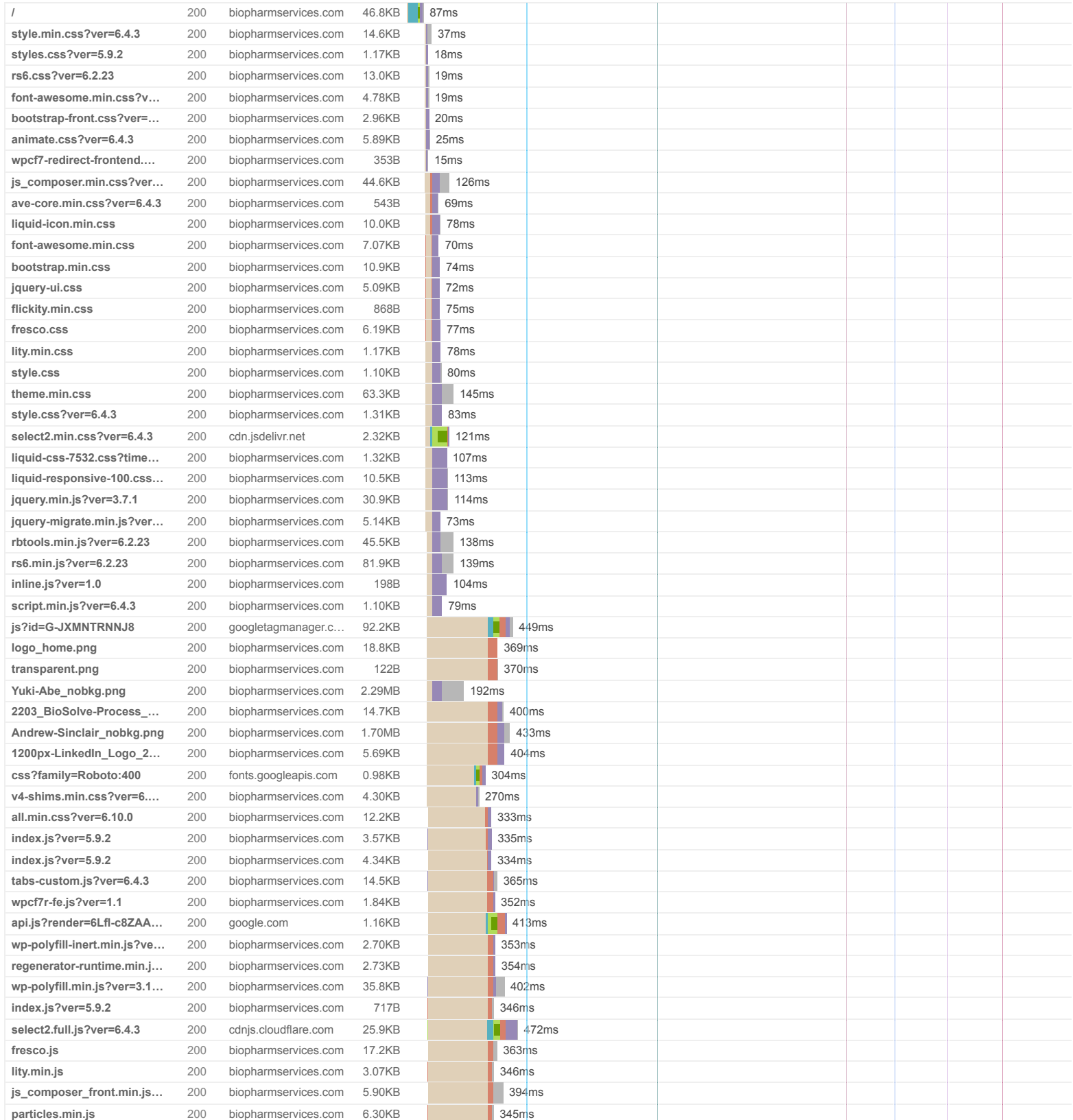


GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 28 years experience in web technology.

<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.

Homepage - Biopharm



File Name	Count	Source	Size	Load Time
SplitText.min.js	200	biopharmservices.com	4.03KB	346ms
vivus.min.js	200	biopharmservices.com	4.17KB	346ms
isotope.pkgd.min.js?ver=...	200	biopharmservices.com	10.5KB	349ms
packery-mode.pkgd.min.js	200	biopharmservices.com	4.47KB	367ms
flickity.pkgd.min.js	200	biopharmservices.com	14.2KB	403ms
bootstrap.min.js	200	biopharmservices.com	7.55KB	380ms
intersection-observer.js	200	biopharmservices.com	2.81KB	387ms
imagesloaded.min.js?ver=...	200	biopharmservices.com	2.01KB	398ms
jquery-ui.min.js	200	biopharmservices.com	30.5KB	400ms
anime.min.js	200	biopharmservices.com	7.24KB	377ms
ScrollMagic.min.js	200	biopharmservices.com	6.28KB	379ms
fontfaceobserver.js	200	biopharmservices.com	2.33KB	386ms
lazyload.min.js	200	biopharmservices.com	2.59KB	391ms
tinycolor.min.js	200	biopharmservices.com	5.47KB	379ms
theme.min.js	200	biopharmservices.com	37.7KB	400ms
cookieControl-9.x.min.js	200	cc.cdn.civiccomputin...	92.7KB	417ms
js?id=UA-33521614-1	200	googletagmanager.c...	70.4KB	437ms
bg-4.svg?id=90	200	biopharmservices.com	653B	10ms
fa-solid-900.woff2	200	biopharmservices.com	74.0KB	89ms
bg-8.svg?id=7510	200	biopharmservices.com	722B	8ms
recaptcha_en.js	200	gstatic.com	199KB	46ms
js?id=UA-225649699-1&l=...	200	googletagmanager.c...	70.3KB	38ms
js?id=G-D9JHR4Z47Z&l=...	200	googletagmanager.c...	82.6KB	38ms
analytics.js	200	google-analytics.com	20.5KB	30ms
v?d=www.biopharmservi...	200	apikeys.civiccomputi...	304B	100ms
wp-emoji-release.min.js?...	200	biopharmservices.com	5.04KB	12ms
anchor?ar=1&k=6Lfl-c8Z...	200	google.com	27.8KB	107ms
js?id=G-393LJWV25L&l=...	200	googletagmanager.c...	82.2KB	62ms
Biopharm_Desktop_Scre...	200	biopharmservices.com	568KB	13ms
loader.gif	200	biopharmservices.com	2.49KB	20ms
2203_BioSolve-Connect-...	200	biopharmservices.com	13.0KB	21ms
logo-sanofi-pasteur-1.png	200	biopharmservices.com	12.0KB	16ms
logo-jsr-1.jpg	200	biopharmservices.com	6.37KB	17ms
logo-batavia-2.jpg	200	biopharmservices.com	7.32KB	16ms
logo-msd-2.png	200	biopharmservices.com	5.27KB	18ms
logo-pall-1.png	200	biopharmservices.com	5.62KB	18ms
cytiva-e1603724095823.jpg	200	biopharmservices.com	1.49KB	19ms
BioSolve-Process-Video-...	200	biopharmservices.com	38.6KB	19ms
styles_ltr.css	200	gstatic.com	24.0KB	50ms
recaptcha_en.js	200	gstatic.com	199KB	58ms
v77SiQbcxtK1O5ek11Tdl...	200	google.com	7.17KB	7ms
logo_48.png	200	gstatic.com	2.18KB	11ms
KFOmCnqEu92Fr1Mu4mx...	200	fonts.gstatic.com	15.0KB	132ms
KFOICnqEu92Fr1MmEU9f...	200	fonts.gstatic.com	15.2KB	130ms
webworker.js?hl=en&v=0...	200	google.com	135B	24ms
favicon.ico	200	biopharmservices.com	1.27KB	12ms
POST reload?k=6Lfl-c8ZA...	200	google.com	9.72KB	63ms

100 Requests 6.43MB (11.2MB Uncompressed) Fully Loaded 3.1s (Onload 2.3s)



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>Good - Nothing to do here</p> <p>618ms</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>OK, but consider improvement</p> <p>2.8s</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>Longer than recommended</p> <p>2.2s</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>Much longer than recommended</p> <p>356ms</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>Much longer than recommended</p> <p>2.5s</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>Much more than recommended</p> <p>0.48</p>

Browser Timings

Redirect	0ms	Connect	67ms	Backend	14ms
TTFB	81ms	First Paint	619ms	DOM Int.	1.3s
DOM Loaded	1.3s	Onload	2.3s	Fully Loaded	3.1s

IMPACT AUDIT

Low

Eliminate render-blocking resources FCP LCP

Potential savings of 156ms

Resources are blocking the first paint of your page. Consider delivering critical JS/CSS inline and deferring all non-critical JS/styles.

Resources that **may** be contributing to render-blocking include:

URL	TRANSFER SIZE	DOWNLOAD TIME
https://www.biopharmservices.com/wp-content/plugins/revslider/public/assets/css/rs6.css?ver=6.2.23	13.0KB	154ms
https://www.biopharmservices.com/wp-content/plugins/js_composer/assets/css/js_composer.min.css?ver=6.10.0	44.6KB	462ms
https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/liquid-icon/liquid-icon.min.css	10.0KB	154ms
https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/bootstrap/css/bootstrap.min.css	10.9KB	154ms
https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/jquery-ui/jquery-ui.css	5.09KB	154ms
https://www.biopharmservices.com/wp-content/themes/ave/assets/css/theme.min.css	63.3KB	308ms
https://cdn.jsdelivr.net/npm/select2@4.1.0-beta.1/dist/css/select2.min.css?ver=6.4.3	2.78KB	859ms
https://www.biopharmservices.com/wp-includes/js/jquery/jquery.min.js?ver=3.7.1	30.9KB	154ms
https://www.biopharmservices.com/wp-content/plugins/revslider/public/assets/js/rbtools.min.js?ver=6.2.23	45.5KB	308ms
https://www.biopharmservices.com/wp-content/plugins/revslider/public/assets/js/rs6.min.js?ver=6.2.23	81.9KB	462ms

Low

Avoid long main-thread tasks TBT

11 long tasks found

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

URL	START TIME	DURATION
https://www.biopharmservices.com/wp-content/plugins/revslider/public/assets/js/rbtools.min.js?ver=6.2.23	2.1s	176ms
https://www.gstatic.com/recaptcha/releases/07g0mpPGukTo20VqKa8GbTSw/recaptcha_en.js	2.5s	121ms
https://www.biopharmservices.com/wp-content/plugins/revslider/public/assets/js/rbtools.min.js?ver=6.2.23	2.3s	99ms
https://www.googletagmanager.com/gtag/js?id=G-393LJWV25L&l=dataLayer&cx=c	1.8s	96ms
https://www.biopharmservices.com/	453ms	90ms
https://www.gstatic.com/recaptcha/releases/07g0mpPGukTo20VqKa8GbTSw/recaptcha_en.js	2.7s	74ms
https://www.biopharmservices.com/wp-content/plugins/revslider/public/assets/js/rbtools.min.js?ver=6.2.23	658ms	66ms
https://www.google-analytics.com/analytics.js	1.7s	58ms
https://www.biopharmservices.com/wp-content/plugins/tabs-responsive/assets/js/tabs-custom.js?ver=6.4.3	888ms	55ms
https://cc.cdn.civiccomputing.com/9/cookieControl-9.x.min.js	1.2s	55ms
https://www.biopharmservices.com/wp-content/plugins/revslider/public/assets/js/rbtools.min.js?ver=6.2.23	2.4s	51ms

Low

Reduce JavaScript execution time TBT

1.4s 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.biopharmservices.com/wp-content/plugins/revslider/public/assets/js/rbtools.min.js?ver=6.2.23	2.6s	252ms	3ms
• https://www.biopharmservices.com/	2.0s	38ms	3ms
• https://www.gstatic.com/recaptcha/releases/07g0mpPGukTo20VqKa8GbTSw/recaptcha_en.js	596ms	511ms	8ms
• Unattributable	497ms	27ms	0ms
• https://www.biopharmservices.com/wp-content/plugins/revslider/public/assets/js/rs6.min.js?ver=6.2.23	236ms	119ms	6ms
• https://www.biopharmservices.com/wp-includes/js/jquery/jquery.min.js?ver=3.7.1	117ms	102ms	1ms
• https://www.googletagmanager.com/gtag/js?id=G-393LJWV25L&l=dataLayer&cx=c	98ms	59ms	10ms
• https://cc.cdn.civiccomputing.com/9/cookieControl-9.x.min.js	89ms	68ms	5ms
• https://www.googletagmanager.com/gtag/js?id=G-JXMNTRNNJ8	84ms	60ms	12ms
• https://www.biopharmservices.com/wp-content/themes/ave/assets/js/theme.min.js	58ms	43ms	3ms
• https://www.google-analytics.com/analytics.js	58ms	49ms	8ms
• https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/particles.min.js	53ms	51ms	0ms

Low **Serve static assets with an efficient cache policy** Potential savings of 25.1KB

A long cache lifetime can speed up repeat visits to your page.

URL	CACHE TTL	TRANSFER SIZE
• https://www.google-analytics.com/analytics.js	2 hours	20.8KB
• https://cc.cdn.civiccomputing.com/9/cookieControl-9.x.min.js	7 days	92.7KB
• https://www.gstatic.com/recaptcha/api2/logo_48.png	7 days	2.31KB

Low **Properly size images** Potential savings of 2.65MB

Serve images that are appropriately-sized to save cellular data and improve load time.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://www.biopharmservices.com/wp-content/uploads/2021/01/Yuki-Abe_nobkg.png	2.29MB	2.17MB
https://www.biopharmservices.com/wp-content/uploads/2021/01/Biopharm_Desktop_Screen_Inlay.png	568KB	478KB
https://www.biopharmservices.com/wp-content/uploads/2020/08/logo-sanofi-pasteur-1.png	12.0KB	7.44KB
https://www.biopharmservices.com/wp-content/uploads/2020/10/1200px-LinkedIn_Logo_2013.svg-300x73.png	5.69KB	4.85KB

Low **Efficiently encode images** Potential savings of 17.6KB

Optimized images load faster and consume less cellular data.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://www.biopharmservices.com/wp-content/uploads/2022/04/BioSolve-Process-Video-Placeholder.jpg	38.6KB	8.94KB
https://www.biopharmservices.com/wp-content/uploads/2020/08/logo-batavia-2.jpg	7.32KB	4.60KB
https://www.biopharmservices.com/wp-content/uploads/2020/08/logo-jsr-1.jpg	6.37KB	4.02KB

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
<ul style="list-style-type: none"> https://www.biopharmservices.com/wp-content/plugins/js_composer/assets/lib/bower/font-awesome/webfonts/fa-solid-900.woff2 	14ms

Low **Reduce unused CSS** FCP LCP Potential savings of 164KB

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.biopharmservices.com/wp-content/themes/ave/assets/css/theme.min.css	63.3KB	60.0KB
https://www.biopharmservices.com/wp-content/plugins/js_composer/assets/css/js_composer.min.css?ver=6.10.0	44.6KB	44.3KB
https://www.biopharmservices.com/wp-includes/css/dist/block-library/style.min.css?ver=6.4.3	14.6KB	14.6KB
https://www.biopharmservices.com/wp-content/plugins/revslider/public/assets/css/rs6.css?ver=6.2.23	13.0KB	12.3KB
https://www.biopharmservices.com/wp-content/plugins/js_composer/assets/lib/bower/font-awesome/css/all.min.css?ver=6.10.0	12.2KB	12.1KB
https://www.biopharmservices.com/wp-content/uploads/liquid-styles/liquid-responsive-100.css?timestamp=1606989433&ver=6.4.3	10.5KB	10.3KB
https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/liquid-icon/liquid-icon.min.css	10.0KB	10.0KB

Low **Serve images in next-gen formats** Potential savings of 4.05MB

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.biopharmservices.com/wp-content/uploads/2021/01/Yuki-Abe_nobkg.png	2.29MB	2.00MB
https://www.biopharmservices.com/wp-content/uploads/2021/01/Andrew-Sinclair_nobkg.png	1.70MB	1.61MB
https://www.biopharmservices.com/wp-content/uploads/2021/01/Biopharm_Desktop_Screen_Inlay.png	568KB	404KB
https://www.biopharmservices.com/wp-content/uploads/2022/04/BioSolve-Process-Video-Placeholder.jpg	38.6KB	25.4KB
https://www.biopharmservices.com/wp-content/uploads/2020/07/logo_home.png	18.8KB	15.8KB
https://www.biopharmservices.com/wp-content/uploads/2020/08/logo-sanofi-pasteur-1.png	12.0KB	9.67KB

Low **Defer offscreen images** Potential savings of 8.18KB

Consider lazy-loading offscreen and hidden images after all critical resources have finished loading to lower time to interactive.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://www.biopharmservices.com/wp-content/uploads/2020/10/1200px-LinkedIn_Logo_2013.svg-300x73.png	5.69KB	5.69KB
https://www.biopharmservices.com/wp-content/plugins/revslider/public/assets/assets/loader.gif	2.49KB	2.49KB

Low **Minify CSS** FCP LCP Potential savings of 4.36KB

Minifying CSS files can reduce network payload sizes.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
https://www.biopharmservices.com/wp-content/uploads/liquid-styles/liquid-responsive-100.css?timestamp=1606989433&ver=6.4.3	10.5KB	2.33KB
https://www.biopharmservices.com/wp-content/plugins/revslider/public/assets/css/rs6.css?ver=6.2.23	13.0KB	2.03KB

Low **Minify JavaScript** FCP LCP Potential savings of 13.2KB

Minifying JavaScript files can reduce payload sizes and script parse time.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
https://cdn.jsdelivr.net/npm/select2@4.1.0-beta.1/dist/css/select2.full.js?ver=6.4.3	26.6KB	9.15KB
https://www.biopharmservices.com/wp-content/plugins/tabs-responsive/assets/js/tabs-custom.js?ver=6.4.3	14.5KB	4.02KB

Low

Avoid chaining critical requests FCP LCP

61 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: **902ms**

INITIAL NAVIGATION

https://www.biopharmservices.com/	46.8KB, 85ms
https://cdn.jsdelivr.net/npm/select2@4.1.0-beta.1/dist/css/select2.min.css?ver=6.4.3	2.78KB, 103ms
https://www.biopharmservices.com/wp-includes/js/dist/vendor/wp-polyfill-inert.min.js?ver=3.1.2	2.70KB, 56ms
https://www.biopharmservices.com/wp-content/themes/ave/assets/js/theme.min.js	37.7KB, 104ms
https://www.biopharmservices.com/wp-content/uploads/liquid-styles/liquid-responsive-100.css?timestamp=1606989433&ver=6.4.3	10.5KB, 95ms
https://www.biopharmservices.com/wp-content/plugins/ave-core/shortcodes/blog/script.min.js?ver=6.4.3	1.10KB, 64ms
https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/flickity/flickity.pkgd.min.js	14.2KB, 104ms
https://www.biopharmservices.com/wp-content/plugins/revslider/public/assets/css/rs6.css?ver=6.2.23	13.0KB, 17ms
https://www.biopharmservices.com/wp-content/uploads/liquid-styles/liquid-css-7532.css?timestamp=1701690563&ver=6.4.3	1.32KB, 89ms
https://www.biopharmservices.com/wp-content/plugins/js_composer/assets/js/dist/js_composer_front.min.js?ver=6.10.0	5.90KB, 97ms
https://www.biopharmservices.com/wp-includes/js/dist/vendor/wp-polyfill.min.js?ver=3.15.0	35.8KB, 106ms
https://www.biopharmservices.com/wp-content/plugins/contact-form-7/includes/js/index.js?ver=5.9.2	4.34KB, 38ms
https://www.biopharmservices.com/wp-content/themes/ave-child/style.css?ver=6.4.3	1.31KB, 65ms
https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/greensock/Utils/SplitText.min.js	4.03KB, 49ms
https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/fresco/js/fresco.js	17.2KB, 66ms
https://www.biopharmservices.com/wp-content/plugins/wpcf7-redirect/build/css/wpcf7-redirect-frontend.min.css?ver=1.1	353B, 14ms
https://www.biopharmservices.com/wp-content/plugins/js_composer/assets/css/js_composer.min.css?ver=6.10.0	44.6KB, 119ms
https://www.biopharmservices.com/wp-content/plugins/tabs-responsive/assets/css/bootstrap-front.css?ver=6.4.3	2.96KB, 19ms
https://www.biopharmservices.com/wp-includes/js/jquery/jquery-migrate.min.js?ver=3.4.1	5.14KB, 55ms
https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/fontfaceobserver.js	2.33KB, 84ms
https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/inline.js?ver=1.0	198B, 89ms
https://www.biopharmservices.com/wp-content/plugins/tabs-responsive/assets/js/tabs-custom.js?ver=6.4.3	14.5KB, 69ms
https://www.biopharmservices.com/wp-content/plugins/contact-form-7/includes/css/styles.css?ver=5.9.2	1.17KB, 16ms
https://www.biopharmservices.com/wp-includes/js/imagesloaded.min.js?ver=5.0.0	2.01KB, 99ms
https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/tinycolor-min.js	5.47KB, 83ms
https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/bootstrap/css/bootstrap.min.css	10.9KB, 68ms
https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/intersection-observer.js	2.81KB, 88ms
https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/lity/lity.min.js	3.07KB, 49ms
https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/fresco/css/fresco.css	6.19KB, 72ms
https://www.google.com/recaptcha/api.js?render=6LfI-c8ZAAAAAGutqO5l_1paErS0iDO4cl9eYZR2&ver=3.0	1.16KB, 116ms
https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/jquery-ui/jquery-ui.css	5.09KB, 66ms
https://www.biopharmservices.com/wp-includes/js/jquery/jquery.min.js?ver=3.7.1	30.9KB, 96ms
https://www.biopharmservices.com/wp-content/plugins/tabs-responsive/assets/css/font-awesome/css/font-awesome.min.css?ver=6.4.3	4.78KB, 18ms

- https://www.biopharmservices.com/wp-content/plugins/js_composer/assets/lib/bower/isotope/dist/isotope.pkgd.min.js?ver=6.10.0 10.5KB, 52ms
- <https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/liquid-icon/liquid-icon.min.css> 10.0KB, 72ms
- <https://cdnjs.cloudflare.com/ajax/libs/select2/4.0.0/js/select2.full.js?ver=6.4.3> 26.6KB, 175ms
- <https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/scrollmagic/ScrollMagic.min.js> 6.28KB, 78ms
- <https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/lity/lity.min.css> 1.17KB, 72ms
- <https://www.biopharmservices.com/wp-content/themes/ave/assets/css/theme.min.css> 63.3KB, 127ms
- <https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/vivus.min.js> 4.17KB, 49ms
- <https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/flickity/flickity.min.css> 868B, 69ms
- <https://www.biopharmservices.com/wp-content/plugins/wpcf7-redirect/build/js/wpcf7r-fe.js?ver=1.1> 1.84KB, 56ms
- <https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/isotope/packery-mode.pkgd.min.js> 4.47KB, 69ms
- <https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/particles.min.js> 6.30KB, 48ms
- <https://www.biopharmservices.com/wp-includes/js/dist/vendor/regenerator-runtime.min.js?ver=0.14.0> 2.73KB, 57ms
- <https://www.biopharmservices.com/wp-includes/css/dist/block-library/style.min.css?ver=6.4.3> 14.6KB, 34ms
- <https://www.biopharmservices.com/wp-content/plugins/ave-core/assets/css/ave-core.min.css?ver=6.4.3> 543B, 63ms
- <https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/lazyload.min.js> 2.59KB, 95ms
- <https://cc.cdn.civiccomputing.com/9/cookieControl-9.x.min.js> 92.7KB, 121ms
- <https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/jquery-ui/jquery-ui.min.js> 30.5KB, 101ms
- <https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/anime.min.js> 7.24KB, 78ms
- <https://www.biopharmservices.com/wp-content/plugins/contact-form-7/modules/recaptcha/index.js?ver=5.9.2> 717B, 50ms
- <https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/bootstrap/js/bootstrap.min.js> 7.55KB, 81ms
- <https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/font-awesome/css/font-awesome.min.css> 7.07KB, 64ms
- <https://www.biopharmservices.com/wp-content/plugins/revslider/public/assets/js/rbtools.min.js?ver=6.2.23> 45.5KB, 122ms
- https://www.biopharmservices.com/wp-content/plugins/js_composer/assets/lib/bower/font-awesome/css/v4-shims.min.css?ver=6.10.0 4.30KB, 12ms
- <https://www.biopharmservices.com/wp-content/themes/ave/style.css> 1.10KB, 62ms
- <https://www.biopharmservices.com/wp-content/plugins/contact-form-7/includes/swv/js/index.js?ver=5.9.2> 3.57KB, 39ms
- <https://fonts.googleapis.com/css?family=Roboto:400> 0.98KB, 60ms
- <https://www.biopharmservices.com/wp-content/plugins/revslider/public/assets/js/rs6.min.js?ver=6.2.23> 81.9KB, 124ms
- <https://www.biopharmservices.com/wp-content/plugins/tabs-responsive/assets/css/animate.css?ver=6.4.3> 5.89KB, 24ms
- https://www.biopharmservices.com/wp-content/plugins/js_composer/assets/lib/bower/font-awesome/css/all.min.css?ver=6.10.0 12.2KB, 38ms
- https://www.biopharmservices.com/wp-content/plugins/js_composer/assets/lib/bower/font-awesome/webfonts/fa-solid-900.woff2 74.3KB, 14ms

Low

Reduce unused JavaScript LCP

Potential savings of 442KB

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

URL	TRANSFER SIZE	POTENTIAL SAVINGS
https://www.gstatic.com/recaptcha/releases/07g0mpPGukTo20VqKa8GbTSw/recaptcha_en.js	199KB	98KB
https://cc.cdn.civiccomputing.com/9/cookieControl-9.x.min.js	92.7KB	42.3KB
https://www.googletagmanager.com/gtag/js?id=G-393LJVV25L&l=dataLayer&cx=c	82.3KB	39.8KB
https://www.googletagmanager.com/gtag/js?id=G-JXMNTRNNJ8	92.3KB	39.4KB
https://www.googletagmanager.com/gtag/js?id=G-D9JHR4Z47Z&l=dataLayer&cx=c	82.6KB	39.4KB
https://www.googletagmanager.com/gtag/js?id=UA-33521614-1	70.8KB	38.3KB
https://www.biopharmservices.com/wp-content/plugins/revslider/public/assets/js/rs6.min.js?ver=6.2.23	81.9KB	36.3KB
https://www.googletagmanager.com/gtag/js?id=UA-225649699-1&l=dataLayer&cx=c	70.4KB	33.0KB
https://www.biopharmservices.com/wp-content/themes/ave/assets/vendors/jquery-ui/jquery-ui.min.js	30.5KB	26.9KB
https://www.biopharmservices.com/wp-content/themes/ave/assets/js/theme.min.js	37.7KB	26.5KB
https://www.biopharmservices.com/wp-content/plugins/revslider/public/assets/js/rbtools.min.js?ver=6.2.23	45.5KB	22.5KB

N/A **Largest Contentful Paint element** LCP 2,550 ms

This is the largest contentful element painted within the viewport.

ELEMENT

```
rs-loop-wrap > rs-mask-wrap > rs-layer#slider-1-slide-1-layer-26 > img

```

PHASE	% OF LCP	TIMING
TTFB	3%	81ms
Load Delay	54%	1.4s
Load Time	0%	12ms
Render Delay	43%	1.1s

N/A **Reduce initial server response time** FCP LCP Root document took 13ms

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

URL	TIME SPENT
• https://www.biopharmservices.com/	13ms

N/A **Avoid serving legacy JavaScript to modern browsers** TBT Potential savings of 19.6KB

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.

<https://cc.cdn.civiccomputing.com/9/cookieControl-9.x.min.js>

19.6KB

Line:0 Column:47462	@babel/plugin-transform-classes
Line:0 Column:212528	Array.prototype.fill
Line:0 Column:212636	Array.prototype.filter
Line:0 Column:212901	Array.prototype.findIndex
Line:0 Column:213147	Array.prototype.find
Line:0 Column:213834	Array.prototype.forEach
Line:0 Column:213936	Array.from
Line:0 Column:214517	Array.isArray
Line:0 Column:215549	Array.prototype.map
Line:0 Column:217314	Array.prototype.some
Line:0 Column:219716	Date.now
Line:0 Column:220128	Date.prototype.toISOString
Line:0 Column:227853	Number.isInteger
Line:0 Column:228184	Number.isSafeInteger
Line:0 Column:231674	Object.defineProperties
Line:0 Column:231819	Object.defineProperty
Line:0 Column:232181	Object.entries
Line:0 Column:232339	Object.freeze
Line:0 Column:232907	Object.getOwnPropertyDescriptors
Line:0 Column:233319	Object.getPrototypeOf
Line:0 Column:233538	Object.isExtensible
Line:0 Column:233702	Object.isFrozen
Line:0 Column:233925	Object.isSealed
Line:0 Column:234175	Object.keys
Line:0 Column:234867	Object.preventExtensions
Line:0 Column:235082	Object.seal
Line:0 Column:235215	Object.setPrototypeOf
Line:0 Column:235413	Object.values
Line:0 Column:241266	Reflect.apply
Line:0 Column:241689	Reflect.construct
Line:0 Column:242192	Reflect.defineProperty
Line:0 Column:242467	Reflect.deleteProperty
Line:0 Column:242646	Reflect.getOwnPropertyDescriptor
Line:0 Column:242795	Reflect.getPrototypeOf
Line:0 Column:242973	Reflect.get
Line:0 Column:243198	Reflect.has
Line:0 Column:243313	Reflect.isExtensible
Line:0 Column:243410	Reflect.ownKeys
Line:0 Column:243508	Reflect.preventExtensions
Line:0 Column:243732	Reflect.setPrototypeOf
Line:0 Column:249292	String.prototype.codePointAt

URL	POTENTIAL SAVINGS
Line:0 Column:250445	<code>String.fromCharCodePoint</code>
Line:0 Column:254031	<code>String.raw</code>
Line:0 Column:254230	<code>String.prototype.repeat</code>
https://www.biopharmservices.com/wp-includes/js/dist/vendor/wp-polyfill-inert.min.js?ver=3.1.2	56B
Line:0 Column:452	<code>@babel/plugin-transform-classes</code>

N/A **Minimize main-thread work** TBT Main-thread busy for 6.8s

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

CATEGORY	TIME SPENT
Other	2.8s
Script Evaluation	1.6s
Rendering	1.5s
Style & Layout	675ms
Script Parsing & Compilation	112ms
Parse HTML & CSS	105ms
Garbage Collection	74ms

N/A **Reduce the impact of third-party code** TBT Third-party code blocked the main thread for 88ms

Third-party code can significantly impact load performance. Limit the number of redundant third-party providers and try to load third-party code after your page has primarily finished loading.

THIRD-PARTY	TRANSFER SIZE	MAIN-THREAD BLOCKING TIME
GOOGLE CDN	425KB	82ms
• https://www.gstatic.com/recaptcha/releases/07g0mpPGukTo20VgKa8GbTSw/recaptcha_en.js	398KB	82ms
• https://www.gstatic.com/recaptcha/releases/07g0mpPGukTo20VgKa8GbTSw/styles_ltr.css	24.6KB	0ms
GOOGLE TAG MANAGER	398KB	6ms
• https://www.googletagmanager.com/gtag/js?id=G-393LJWV25L&l=dataLayer&cx=c	82.3KB	6ms
• https://www.googletagmanager.com/gtag/js?id=G-JXMNTRNNJ8	92.3KB	0ms
• https://www.googletagmanager.com/gtag/js?id=G-D9JHR4Z47Z&l=dataLayer&cx=c	82.6KB	0ms
• https://www.googletagmanager.com/gtag/js?id=UA-33521614-1	70.8KB	0ms
• https://www.googletagmanager.com/gtag/js?id=UA-225649699-1&l=dataLayer&cx=c	70.4KB	0ms
CIVIC	93.3KB	0ms
• https://cc.cdn.civiccomputing.com/9/cookieControl-9.x.min.js	92.7KB	0ms
OTHER GOOGLE APIS/SDKS	46.3KB	0ms
• https://www.google.com/recaptcha/api2/anchor?ar=1&k=6Lfl-c8ZAAAAAGutgO5I_1paErS0iDO4cl9eYZR2&co=aHR0cHM6Ly93d3cuYmlvcGhhcm1zZXJ2aWNlcy5jb206NDQz&hl=en&v=07g0mpPGukTo20VgKa8GbTSw&size=invisible&cb=y3ikvand439y	27.8KB	0ms
• https://www.google.com/recaptcha/api2/reload?k=6Lfl-c8ZAAAAAGutgO5I_1paErS0iDO4cl9eYZR2	9.72KB	0ms
• https://www.google.com/js/bg/v77SiQbcxtK1O5ek11TdoiB5zZ00UAxE3PsP-319e4.js	7.57KB	0ms
GOOGLE FONTS	31.8KB	0ms
• https://fonts.gstatic.com/s/roboto/v18/KFOICnqEu92Fr1MmEU9fBBc4.woff2	15.7KB	0ms
• https://fonts.gstatic.com/s/roboto/v18/KFOmCnqEu92Fr1Mu4mxK.woff2	15.1KB	0ms
CLOUDFLARE CDN	26.6KB	0ms
• https://cdnjs.cloudflare.com/ajax/libs/select2/4.0.0/js/select2.full.js?ver=6.4.3	26.6KB	0ms
GOOGLE ANALYTICS	20.8KB	0ms
• https://www.google-analytics.com/analytics.js	20.8KB	0ms
JSDELIVR CDN	2.78KB	0ms

N/A

User Timing marks and measures

No user timings and/or marks found.