Performance Report for:

https://www.mgb-biopharma.com/

Report generated: Tue, Mar 12, 2024 11:50 PM -0700
Test Server Location: London, UK
Using: Chrome 117.0.0.0, Lighthouse 11.0.0

C	Performance	Structure	L. Contentful Paint	T. Blocking Time	C. Layout Shift
	63%	93%	2.5s	372ms	0

Top Issues

Med	**Serve static assets with an efficient cache policy**	Potential savings of 0.99MB
Med-Low	**Use a Content Delivery Network (CDN)**	35 resources found
Low	**Use passive listeners to improve scrolling performance**	1 event listener not passive
Low	**Eliminate render-blocking resources** FCP LCP	Potential savings of 89ms
Low	**Avoid long main-thread tasks** TBT	11 long tasks found

Page Details

2.5s
Fully Loaded Time

Total Page Size - 1.05MB

Total Page Requests - 44

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

CARBON 60
THE MANAGED CLOUD COMPANY

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

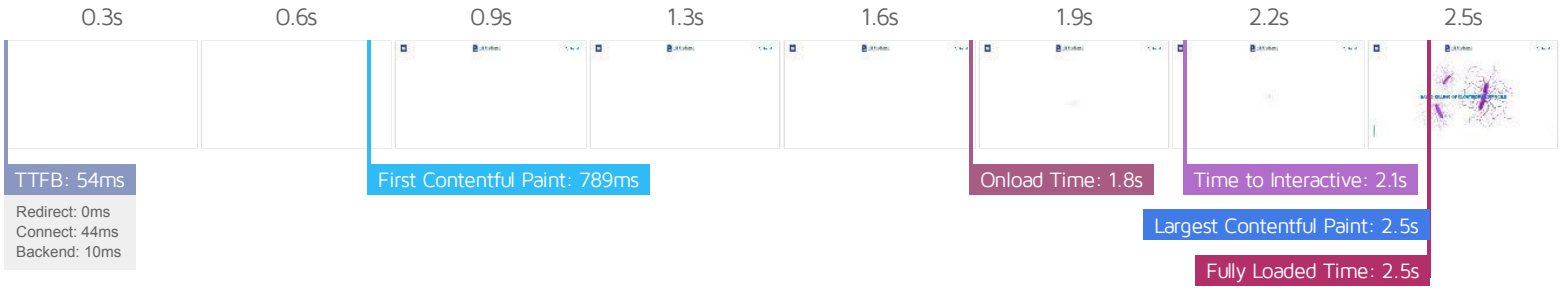
https://carbon60.com/

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.

Home - MGB Biopharma

/	200	mgb-biopharma.com	23.1KB	73ms
styles.css?ver=5.5.6.1	200	mgb-biopharma.com	972B	32ms
rs6.css?ver=6.2.23	200	mgb-biopharma.com	12.3KB	31ms
css?family=Montserrat%…	200	fonts.googleapis.com	1.01KB	166ms
style.min.css?ver=7.9	200	mgb-biopharma.com	69.1KB	122ms
responsive.min.css?ver=…	200	mgb-biopharma.com	4.40KB	36ms
style.css?ver=7.9	200	mgb-biopharma.com	149B	36ms
Defaults.css?ver=6.4.3	200	mgb-biopharma.com	4.64KB	36ms
style.min.css?ver=3.18.0	200	mgb-biopharma.com	2.69KB	36ms
shiftnav.min.css?ver=1.7.1	200	mgb-biopharma.com	3.02KB	116ms
font-awesome.min.css?v…	200	mgb-biopharma.com	6.89KB	73ms
standard-dark.css?ver=1.…	200	mgb-biopharma.com	637B	69ms
jquery.min.js?ver=3.7.1	200	mgb-biopharma.com	29.7KB	107ms
jquery-migrate.min.js?ver…	200	mgb-biopharma.com	4.76KB	106ms
rbtools.min.js?ver=6.2.23	200	mgb-biopharma.com	44.1KB	152ms
rs6.min.js?ver=6.2.23	200	mgb-biopharma.com	81.6KB	108ms
ultimate-params.min.js?v…	200	mgb-biopharma.com	515B	97ms
mbg-logo-1.png	200	mgb-biopharma.com	9.06KB	387ms
slide2-2.jpg	200	mgb-biopharma-uat.…	199KB	454ms
css?family=Montserrat:900	200	fonts.googleapis.com	632B	280ms
background-style.min.css…	200	mgb-biopharma.com	1.74KB	278ms
wp-polyfill-inert.min.js?ve…	200	mgb-biopharma.com	2.43KB	351ms
regenerator-runtime.min.j…	200	mgb-biopharma.com	2.44KB	357ms
wp-polyfill.min.js?ver=3.1…	200	mgb-biopharma.com	35.0KB	392ms
index.js?ver=5.5.6.1	200	mgb-biopharma.com	3.21KB	358ms
magnific-popup.js?ver=7.9	200	mgb-biopharma.com	7.18KB	359ms
us.core.min.js?ver=7.9	200	mgb-biopharma.com	39.6KB	392ms
new-tab.js?ver=3.3.6	200	mgb-biopharma.com	8.61KB	366ms
shiftnav.min.js?ver=1.7.1	200	mgb-biopharma.com	4.62KB	373ms
jquery-appear.min.js?ver…	200	mgb-biopharma.com	611B	375ms
ultimate_bg.min.js?ver=6.…	200	mgb-biopharma.com	9.27KB	383ms
custom.min.js?ver=3.18.0	200	mgb-biopharma.com	4.62KB	390ms
objectFitPolyfill.js?ver=7.9	200	mgb-biopharma.com	933B	389ms
royalslider.js?ver=7.9	200	mgb-biopharma.com	18.3KB	386ms
JTUSjIg1_i6t8kCHKm459…	200	fonts.gstatic.com	32.3KB	147ms
fa-solid-900.woff2?ver=5.…	200	mgb-biopharma.com	137KB	127ms
fa-regular-400.woff2?ver=…	200	mgb-biopharma.com	169KB	134ms
fa-brands-400.woff2?ver=…	200	mgb-biopharma.com	75.6KB	126ms
wp-emoji-release.min.js?…	200	mgb-biopharma.com	4.92KB	17ms
loader.gif	200	mgb-biopharma.com	2.49KB	16ms
keep-in-touch.png	200	mgb-biopharma-uat.…	764B	30ms
down-arrow.png	200	mgb-biopharma-uat.…	165B	27ms
mbg-logo.png	200	mgb-biopharma.com	1.64KB	22ms
JTUHjIg1_i6t8kCHKm453…	200	fonts.gstatic.com	14.2KB	82ms

44 Requests **1.05MB (2.34MB Uncompressed)** **Fully Loaded 2.5s (Onload 1.8s)**



Performance Metrics

First Contentful Paint

Good - Nothing to do here

How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.

789ms

Time to Interactive

Good - Nothing to do here

How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.

2.1s

Speed Index

Much longer than recommended

How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.

3.0s

Total Blocking Time

Much longer than recommended

How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.

372ms

Largest Contentful Paint

Much longer than recommended

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.

2.5s

Cumulative Layout Shift

Good - Nothing to do here

How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.

0

Browser Timings

Redirect	0ms	Connect	44ms	Backend	10ms
TTFB	54ms	First Paint	789ms	DOM Int.	1.4s
DOM Loaded	1.4s	Onload	1.8s	Fully Loaded	2.5s

IMPACT	AUDIT	
Low	**Avoid an excessive DOM size** TBT	686 elements

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

STATISTIC	ELEMENT	VALUE
Total DOM Elements		686
Maximum DOM Depth	Keep in touch <img class="lazy-loaded" decoding="async" src="//mgb-biopharma-uat.mytimpani.co.uk/wp-content/uploads/keep-in-touch.png" data-lazy-type="image" data-src="//mgb-biopharma-uat.mytimpani.co.uk/wp-content/uploads/keep-in-touch.png" alt="Keep in touch" width="18" height="126" data-no-retina="" data-src-rs-ref="data:image/svg+xml,%3Csvg xmlns=%22http://www.w3.org/2000/svg%22 viewBox=%…" style="position: relative; height: 100%; width: 100%;">	20
Maximum Child Elements	body.home <body class="home page-template-default page page-id-17 wp-embed-responsive l-body Impr…" itemscope="" itemtype="https://schema.org/WebPage">	26

IMPACT	AUDIT	
Low	**Avoid chaining critical requests** FCP LCP	34 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: **2.0s**

INITIAL NAVIGATION

- https://www.mgb-biopharma.com/ 23.5KB, 69ms
  - https://www.mgb-biopharma.com/wp-content/themes/Impreza/common/js/vendor/royalslider.js?ver=7.9 18.6KB, 63ms
  - https://www.mgb-biopharma.com/wp-content/themes/Impreza/fonts/fa-solid-900.woff2?ver=5.14.0 138KB, 28ms
  - https://www.mgb-biopharma.com/wp-content/themes/Impreza-child/style.css?ver=7.9 390B, 29ms
  - https://www.mgb-biopharma.com/wp-content/plugins/contact-form-7/includes/css/styles.css?ver=5.5.6.1 1.22KB, 25ms
  - https://www.mgb-biopharma.com/wp-content/plugins/revslider/public/assets/js/rbtools.min.js?ver=6.2.23 44.4KB, 138ms
  - https://www.mgb-biopharma.com/wp-content/themes/Impreza/common/js/vendor/objectFitPolyfill.js?ver=7.9 1.16KB, 66ms
  - https://www.mgb-biopharma.com/wp-includes/js/dist/vendor/wp-polyfill.min.js?ver=3.15.0 35.4KB, 75ms
  - https://www.mgb-biopharma.com/wp-content/plugins/Ultimate_VC_Addons/assets/min-css/style.min.css?ver=3.18.0 2.93KB, 29ms
  - https://www.mgb-biopharma.com/wp-content/plugins/Ultimate_VC_Addons/assets/min-css/background-style.min.css?ver=3.18.0 1.99KB, 12ms
  - https://www.mgb-biopharma.com/wp-content/themes/Impreza/common/js/vendor/magnific-popup.js?ver=7.9 7.43KB, 42ms
  - https://www.mgb-biopharma.com/wp-content/themes/Impreza/fonts/fa-regular-400.woff2?ver=5.14.0 170KB, 34ms
  - https://www.mgb-biopharma.com/wp-includes/js/dist/vendor/wp-polyfill-inert.min.js?ver=3.1.2 2.68KB, 35ms
  - https://www.mgb-biopharma.com/wp-content/themes/Impreza/js/us.core.min.js?ver=7.9 39.9KB, 75ms
  - https://www.mgb-biopharma.com/wp-includes/js/dist/vendor/regenerator-runtime.min.js?ver=0.14.0 2.73KB, 40ms
  - https://www.mgb-biopharma.com/wp-content/plugins/page-links-to/dist/new-tab.js?ver=3.3.6 8.88KB, 48ms
  - https://www.mgb-biopharma.com/wp-content/plugins/shiftnav-responsive-mobile-menu/assets/css/shiftnav.min.css?ver=1.7.1 3.27KB, 91ms

- https://www.mgb-biopharma.com/wp-content/themes/Impreza/css/style.min.css?ver=7.9 69.5KB, 115ms
- https://www.mgb-biopharma.com/wp-content/themes/Impreza/common/css/responsive.min.css?ver=7.9 4.64KB, 29ms
- https://www.mgb-biopharma.com/wp-content/plugins/Ultimate_VC_Addons/assets/min-js/ultimate-params.min.js?ver=3.18.0 766B, 80ms
- https://www.mgb-biopharma.com/wp-content/plugins/Ultimate_VC_Addons/assets/min-js/ultimate_bg.min.js?ver=6.4.3 9.53KB, 60ms
- https://www.mgb-biopharma.com/wp-content/plugins/contact-form-7/includes/js/index.js?ver=5.5.6.1 3.46KB, 41ms
- https://www.mgb-biopharma.com/wp-includes/js/jquery/jquery-migrate.min.js?ver=3.4.1 5.01KB, 92ms
- https://www.mgb-biopharma.com/wp-content/plugins/revslider/public/assets/css/rs6.css?ver=6.2.23 12.6KB, 24ms
- https://www.mgb-biopharma.com/wp-content/plugins/shiftnav-responsive-mobile-menu/assets/js/shiftnav.min.js?ver=1.7.1 4.87KB, 56ms
- https://www.mgb-biopharma.com/wp-content/plugins/shiftnav-responsive-mobile-menu/assets/css/fontawesome/css/font-awesome.min.css?ver=1.7.1 7.17KB, 59ms
- https://www.mgb-biopharma.com/wp-content/uploads/smile_fonts/Defaults/Defaults.css?ver=6.4.3 4.92KB, 29ms
- https://www.mgb-biopharma.com/wp-content/plugins/Ultimate_VC_Addons/assets/min-js/custom.min.js?ver=3.18.0 4.91KB, 68ms
- https://www.mgb-biopharma.com/wp-content/plugins/shiftnav-responsive-mobile-menu/assets/css/skins/standard-dark.css?ver=1.7.1 879B, 56ms
- https://www.mgb-biopharma.com/wp-includes/js/jquery/jquery.min.js?ver=3.7.1 29.9KB, 93ms
- https://www.mgb-biopharma.com/wp-content/plugins/revslider/public/assets/js/rs6.min.js?ver=6.2.23 81.9KB, 90ms
- https://www.mgb-biopharma.com/wp-content/plugins/Ultimate_VC_Addons/assets/min-js/jquery-appear.min.js?ver=3.18.0 862B, 57ms
- https://www.mgb-biopharma.com/wp-content/themes/Impreza/fonts/fa-brands-400.woff2?ver=5.14.0 75.9KB, 27ms
- https://fonts.googleapis.com/css?family=Montserrat:900 632B, 16ms
  - https://fonts.gstatic.com/s/montserrat/v26/JTUHjIg1_i6t8kCHKm4532VJOt5-QNFgpCvC73w5aXo.woff2 14.3KB, 8ms
- https://fonts.googleapis.com/css?family=Montserrat%3A400%2C700%2C600&display=swap&ver=6.4.3 1.01KB, 159ms
  - https://fonts.gstatic.com/s/montserrat/v26/JTUSjIg1_i6t8kCHKm459Wlhyw.woff2 32.9KB, 48ms

Low **Reduce JavaScript execution time** TBT — 719ms 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.mgb-biopharma.com/wp-content/plugins/revslider/public/assets/js/rbtools.min.js?ver=6.2.23	856ms	131ms	16ms
https://www.mgb-biopharma.com/	695ms	29ms	3ms
Unattributable	427ms	39ms	0ms
https://www.mgb-biopharma.com/wp-includes/js/jquery/jquery.min.js?ver=3.7.1	320ms	219ms	1ms
https://www.mgb-biopharma.com/wp-content/plugins/revslider/public/assets/js/rs6.min.js?ver=6.2.23	228ms	169ms	5ms
https://www.mgb-biopharma.com/wp-content/themes/Impreza/js/us.core.min.js?ver=7.9	69ms	40ms	3ms
https://www.mgb-biopharma.com/wp-includes/js/dist/vendor/wp-polyfill.min.js?ver=3.15.0	59ms	54ms	5ms

Low **Avoid enormous network payloads** LCP — Total size was 1.06MB

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

URL	TRANSFER SIZE
https://mgb-biopharma-uat.mytimpani.co.uk/wp-content/uploads/slide2-2.jpg	199KB
https://www.mgb-biopharma.com/wp-content/themes/Impreza/fonts/fa-regular-400.woff2?ver=5.14.0	170KB
https://www.mgb-biopharma.com/wp-content/themes/Impreza/fonts/fa-solid-900.woff2?ver=5.14.0	138KB
https://www.mgb-biopharma.com/wp-content/plugins/revslider/public/assets/js/rs6.min.js?ver=6.2.23	81.9KB
https://www.mgb-biopharma.com/wp-content/themes/Impreza/fonts/fa-brands-400.woff2?ver=5.14.0	75.9KB
https://www.mgb-biopharma.com/wp-content/themes/Impreza/css/style.min.css?ver=7.9	69.5KB
https://www.mgb-biopharma.com/wp-content/plugins/revslider/public/assets/js/rbtools.min.js?ver=6.2.23	44.4KB
https://www.mgb-biopharma.com/wp-content/themes/Impreza/js/us.core.min.js?ver=7.9	39.9KB
https://www.mgb-biopharma.com/wp-includes/js/dist/vendor/wp-polyfill.min.js?ver=3.15.0	35.4KB
https://fonts.gstatic.com/s/montserrat/v26/JTUSjIg1_i6t8kCHKm459Wlhyw.woff2	32.9KB

Low **Properly size images** — Potential savings of 100KB

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

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://mgb-biopharma-uat.mytimpani.co.uk/wp-content/uploads/slide2-2.jpg	199KB	100KB

Low **Efficiently encode images** — Potential savings of 67.0KB

Optimized images load faster and consume less cellular data.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://mgb-biopharma-uat.mytimpani.co.uk/wp-content/uploads/slide2-2.jpg	199KB	67.0KB

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://fonts.gstatic.com/s/montserrat/v26/JTUHjIg1_i6t8kCHKm4532VJOt5-QNFgpCvC73w5aXo.woff2	8ms

Low **Reduce unused CSS** FCP LCP — Potential savings of 78.8KB

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.mgb-biopharma.com/wp-content/themes/Impreza/css/style.min.css?ver=7.9	69.5KB	66.9KB
https://www.mgb-biopharma.com/wp-content/plugins/revslider/public/assets/css/rs6.css?ver=6.2.23	12.6KB	11.8KB

Low **Serve images in next-gen formats** — Potential savings of 140KB

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://mgb-biopharma-uat.mytimpani.co.uk/wp-content/uploads/slide2-2.jpg	199KB	140KB

Low **Defer offscreen images** Potential savings of 2.49KB

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.mgb-biopharma.com/wp-content/plugins/revslider/public/assets/assets/loader.gif	2.49KB	2.49KB

Low **Reduce unused JavaScript** LCP Potential savings of 87.2KB

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.mgb-biopharma.com/wp-content/plugins/revslider/public/assets/js/rs6.min.js?ver=6.2.23	81.9KB	35.6KB
https://www.mgb-biopharma.com/wp-content/themes/Impreza/js/us.core.min.js?ver=7.9	39.9KB	29.6KB
https://www.mgb-biopharma.com/wp-content/plugins/revslider/public/assets/js/rbtools.min.js?ver=6.2.23	44.4KB	22.0KB

N/A **Largest Contentful Paint element** LCP 2,520 ms

This is the largest contentful element painted within the viewport.

ELEMENT

rs-slide > rs-sbg-px > rs-sbg-wrap > rs-sbg

```
<rs-sbg src="https://mgb-biopharma-uat.mytimpani.co.uk/wp-content/uploads/slide2-2.jpg" class="" data-bgcolor="transparent" style="background-color: transparent; background-repeat: no-repeat;" data-src-rs-ref="https://mgb-biopharma-uat.mytimpani.co.uk/wp-content/uploads/slide2-2.jpg">
```

PHASE	% OF LCP	TIMING
TTFB	2%	56ms
Load Delay	15%	372ms
Load Time	5%	128ms
Render Delay	78%	2.0s

N/A **Reduce initial server response time** FCP LCP Root document took 10ms

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

URL	TIME SPENT
• https://www.mgb-biopharma.com/	10ms

N/A **Avoid serving legacy JavaScript to modern browsers** TBT Potential savings of 56B

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.mgb-biopharma.com/wp-includes/js/dist/vendor/wp-polyfill-inert.min.js?ver=3.1.2 Line:0 Column:452	56B `@babel/plugin-transform-classes`

N/A **Avoid large layout shifts** CLS — 2 elements found

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

ELEMENT	CLS CONTRIBUTION
rs-fullwidth-wrap#rev_slider_1_1_forcefullwidth > rs-module-wrap#rev_slider_1_1_wrapper > rs-module#rev_slider_1_1 > rs-loader.spinner0 `<rs-loader class="spinner0 " style="display: none;">`	0.00
div.l-subheader-cell > div.w-search > a.w-search-open > i.fas `<i class="fas fa-search">`	0.00

N/A **Minimize main-thread work** TBT — Main-thread busy for 2.8s

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

CATEGORY	TIME SPENT
Other	1.1s
Script Evaluation	761ms
Style & Layout	648ms
Parse HTML & CSS	159ms
Rendering	130ms
Script Parsing & Compilation	43ms
Garbage Collection	6ms

N/A **Reduce the impact of third-party code** TBT — Total size was 249KB

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
MYTIMPANI.CO.UK	201KB	0ms
• https://mgb-biopharma-uat.mytimpani.co.uk/wp-content/uploads/slide2-2.jpg	199KB	0ms
GOOGLE FONTS	48.8KB	0ms
• https://fonts.gstatic.com/s/montserrat/v26/JTUSjIg1_i6t8kCHKm459Wlhyw.woff2	32.9KB	0ms
• https://fonts.gstatic.com/s/montserrat/v26/JTUHjIg1_i6t8kCHKm4532VJOt5-QNFgpCvC73w5aXo.woff2	14.3KB	0ms

N/A **User Timing marks and measures**

No user timings and/or marks found.