

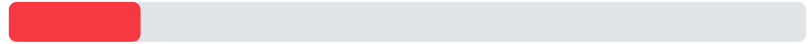


<https://hti.ai/>

Report generated on Mar 12, 2024



12 Failed



8 Warnings



53 Passed



## Common SEO issues

4 Failed

4 Warnings

17 Passed

### ! Meta Title Test

This webpage is using a title tag with a length of **67 characters**. While there's no target number of characters, titles should be descriptive and concise. We recommend using a title with a length **between 20 - 60 characters** in order to fit Google Search results that have a 600-pixel limit.

**Text:** Health Technology Innovations - Health Technology Innovations, Inc.  
**Length:** 67 characters

### ! Meta Description Test

This webpage is using a meta description tag with a length of **141 characters**. We recommend using well-written and inviting meta descriptions with a length **between 150 and 220 characters** (spaces included).

**Text:** Accelerate Structure-based Drug Discovery with our cryo-EM services. Speed up cryo-EM 2D/3D Classification with our CryoDiscovery™ software.  
**Length:** 141 characters



## Google Search Results Preview Test

### Desktop version

<https://hti.ai/>

### Health Technology Innovations - Health Technology...

Accelerate Structure-based Drug Discovery with our cryo-EM services. Speed up cryo-EM 2D/3D Classification with our CryoDiscoveryTM software.

### Mobile version

<https://hti.ai/>

### Health Technology Innovations - Health Technology Innovations,...

Accelerate Structure-based Drug Discovery with our cryo-EM services. Speed up cryo-EM 2D/3D Classification with our...

## ✓ Social Media Meta Tags Test

This webpage is using social media meta tags.

### Open Graph Meta Tags

og:locale	en_US
og:type	website
og:title	Health Technology Innovations - Health Technology Innovations, Inc.
og:description	Accelerate Structure-based Drug Discovery with our cryo-EM services. Speed up cryo-EM 2D/3D Classification with our CryoDiscoveryTM software.
og:url	<a href="https://hti.ai/">https://hti.ai/</a>
og:site_name	Health Technology Innovations, Inc.
og:image	<a href="https://hti.ai/wp-content/uploads/2020/09/HTI-Logo-main2.png">https://hti.ai/wp-content/uploads/2020/09/HTI-Logo-main2.png</a>

### Twitter Card Meta Tags

twitter:card	summary_large_image
--------------	---------------------



## Most Common Keywords Test

There is likely no optimal keyword density (search engine algorithms have evolved beyond keyword density metrics as a significant ranking factor). It can be useful, however, to note which keywords appear most often on your page and if they reflect the intended topic of your page. More importantly, the keywords on your page should appear within natural sounding and grammatically correct copy.

20 cryo 8 services 8 drug 8 discovery 8 structure

## Keywords Usage Test

The most common keywords of this webpage are not distributed across the important HTML tags! Primary keywords should appear in title tag, meta description and heading tags to help Search Engines to properly identify the topic of this webpage.

Keyword	Title tag	Meta description	Headings
cryo	✗	✓	✗
services	✗	✓	✗
drug	✗	✓	✗
discovery	✗	✓	✗
structure	✗	✓	✗



## Keywords Cloud Test



## Related Keywords Test

This URL is currently ranked in the top 20 organic Google listings for the search terms below:

- [health innovation technologies](#)
- [hti inc](#)
- [hti website](#)
- [innovative health technologies](#)
- [healthcare technology innovations](#)
- [healthcare technology innovation](#)
- [hti company](#)
- [hti.](#)
- [high tech innovations llc](#)
- [biotech companies in portland oregon](#)



## ⦿ Competitor Domains Test

This domain has an Authority Score of 11/100 while the **Average Authority Score** of top 100 sites is 89.5. Some of the most relevant competitors for this domain are listed below:

## ✗ Heading Tags Test

This webpage does not contain H1 headings! H1 headings help indicate the important topics of your page to search engines. While less important than good meta-titles and descriptions, H1 headings may still help define the topic of your page to search engines.

### How to pass this test?

In order to pass this test you must identify the most important topics from your page and insert those topics between `<h1>...</h1>` tags.

#### Example:

```
<h1>Important topic goes here</h1>
...
<h1>Another topic</h1>
```

## ✓ Robots.txt Test

Congratulations! Your site uses a "robots.txt" file.

<https://hti.ai/robots.txt>

## ✓ Sitemap Test

This website has a sitemap file.

[https://hti.ai/sitemap\\_index.xml](https://hti.ai/sitemap_index.xml)

## ✓ SEO Friendly URL Test

All links from this webpage are SEO friendly.



## ! Image Alt Test

This webpage is using "img" tags with empty or missing "alt" attribute!

### How to pass this test?

In order to pass this test you must add an **alt** attribute to every **<img>** tag used into your webpage.

An image with an alternate text specified is inserted using the following HTML line:

```

```

Remember that the point of alt text is to provide the same functional information that a visual user would see. Search engines, users who disabled images in their browsers and other agents who are unable to see the images on your webpage can read the alt attributes assigned to the image since they cannot view it.

Learn more about [optimizing images for SEO](#).

## ✓ Responsive Image Test

All images in this webpage are properly sized for different users' viewports.

## ✓ Image Aspect Ratio Test

All image display dimensions match the natural aspect ratio.

## ✗ Inline CSS Test

This webpage is using inline CSS styles!

### How to pass this test?

It is a good practice to move all the inline CSS rules into an external file in order to make your page "lighter" in weight and decrease the code to text ratio.

- check the HTML code of your page and identify all style attributes
- for each style attribute found you must properly move all declarations in the external CSS file and remove the style attribute

**For example:**

```
<!--this HTML code with inline CSS rule:-->
<p style="color:red; font-size: 12px">some text here</p>

<!--would became:-->
<p>some text here</p>

<!--and the rule added into your CSS file:-->
p{color:red; font-size: 12px}
```



## ✔ Deprecated HTML Tags Test

This webpage does not use HTML deprecated tags.

## ✘ Google Analytics Test

A Google Analytics script is not detected on this page. While there are several tools available to monitor your site's visitors and traffic sources, Google Analytics is a free, commonly recommended program to help diagnose potential SEO issues.

### How to pass this test?

In order to pass this test you must create an account on [Google Analytics site](#) and insert into your page a small javascript tracking code.

#### Example:

```
<!-- Google Analytics -->
<script>
(function(i,s,o,g,r,a,m){i['GoogleAnalyticsObject']=r;i[r]=i[r] || function(){
(i[r].q=i[r].q || []).push(arguments)},i[r].l=1*new Date();a=s.createElement(o),
m=s.getElementsByTagName(o)[0];a.async=1;a.src=g;m.parentNode.insertBefore(a,m)
})(window,document,'script','//www.google-analytics.com/analytics.js','ga');

ga('create', 'UA-XXXX-Y', 'auto');
ga('send', 'pageview');

</script>
<!-- End Google Analytics -->
```

Note that you have to change the 'UA-XXXX-Y' with the proper id which you'll find in your analytics account.

## ✔ Favicon Test

 This website appears to have a favicon.



## ⦿ Backlinks Test

This domain has an Authority Score of 11/100 while the **Average Authority Score** of top 100 sites is 89.5. Also, this domain has **259 backlinks** from **64 referring domains** and some recently found backlinks are listed below:

- FEB 25, 2024 <https://biotech-careers.org/company/health-technology-innovations>
- FEB 23, 2024 [https://rdengine.herokuapp.com/?blog\\_url=https%3A%2F%2Fwww.otradi.org%2F](https://rdengine.herokuapp.com/?blog_url=https%3A%2F%2Fwww.otradi.org%2F)
- FEB 23, 2024 [https://rdengine.herokuapp.com/?blog\\_url=https%3A%2F%2Fwww.otradi.org%2F](https://rdengine.herokuapp.com/?blog_url=https%3A%2F%2Fwww.otradi.org%2F)
- FEB 23, 2024 [https://rdengine.herokuapp.com/?blog\\_url=https%3A%2F%2Fwww.otradi.org%2F](https://rdengine.herokuapp.com/?blog_url=https%3A%2F%2Fwww.otradi.org%2F)
- FEB 18, 2024 <https://ambitiononly.click/keyword-ranking/1249072/health+technologies>
- FEB 17, 2024 <https://acompany.store/keyword-ranking/1249072/health+technologies>
- FEB 14, 2024 <https://www.otradi.org/2024/02/12/obi-otradi-february-2024-newsletter/>
- FEB 13, 2024 <https://www.launchoregon.com/jpm>
- JAN 25, 2024 <https://www.thesiterank.com/stats/?domain=hti.ai>
- JAN 23, 2024 <https://artiste.cfd/keyword-ranking/1249073/health+technologies>

## ✔ JS Error Test

There are no severe JavaScript errors on this webpage.

## ✔ Console Errors Test

This webpage doesn't have any warnings or errors caught by the Chrome DevTools Console.

## ✔ Charset Declaration Test

This webpage has a character encoding declaration.

```
Content-Type: text/html; charset=UTF-8
```

## ✔ Social Media Test

This webpage is connected successfully with social media using:

[AddThis Facebook](#)





## Speed optimizations

6 Failed

2 Warnings

17 Passed

### ✔ HTML Page Size Test

The size of this webpage's HTML is **16.54 Kb** and is under the average webpage's HTML size of **33 Kb**. Faster loading websites result in a better user experience, higher conversion rates, and generally better search engine rankings.

### ✔ DOM Size Test

The Document Object Model (DOM) of this webpage has **369 nodes** which is less than the recommended value of **1,500 nodes**.

### ✔ HTML Compression/GZIP Test

This webpage is successfully compressed using **gzip compression** on your code. The HTML code is compressed from **99.67 Kb** to **16.54 Kb** (**83% size savings**). This helps ensure a faster loading webpage and improved user experience.

### ✔ Site Loading Speed Test

The loading time of this webpage (measured from N. Virginia, US) is around **3.96 seconds** and this is under the average loading speed which is **5 seconds**.

### ✔ JS Execution Time Test

The JavaScript code used by this webpage is executed in less than **2 seconds**.



## ✖ Page Objects Test

This webpage is using more than 20 http requests, which can slow down page loading and negatively impact user experience!

### Content size by content type

Content type	Percent	Size
Image	46.4 %	186.55 Kb
Javascript	19.2 %	77.11 Kb
Css	13.6 %	54.66 Kb
Font	13.3 %	53.61 Kb
Html	7.4 %	29.87 Kb
Other	0.0 %	0 B
<b>TOTAL</b>	<b>100%</b>	<b>401.80 Kb</b>

### Requests by content type

Content type	Percent	Requests
Javascript	48.8 %	20
Css	22.0 %	9
Image	22.0 %	9
Font	4.9 %	2
Html	2.4 %	1
Other	0.0 %	0
<b>TOTAL</b>	<b>100%</b>	<b>41</b>

### Content size by domain

Domain	Percent	Size
hti.ai	56.6 %	227.54 Kb
i0.wp.com	21.5 %	86.19 Kb
fonts.gstatic.com	13.3 %	53.61 Kb



c0.wp.com	7.7 %	31.04 Kb
stats.wp.com	0.7 %	2.89 Kb
s7.addthis.com	0.1 %	361 B
pixel.wp.com	0.0 %	177 B
<b>TOTAL</b>	<b>100%</b>	<b>401.80 Kb</b>

## Requests by domain

Domain	Percent	Requests
hti.ai	73.2 %	30
i0.wp.com	12.2 %	5
fonts.gstatic.com	4.9 %	2
c0.wp.com	2.4 %	1
s7.addthis.com	2.4 %	1
stats.wp.com	2.4 %	1
pixel.wp.com	2.4 %	1
<b>TOTAL</b>	<b>100%</b>	<b>41</b>

### ✓ Page Cache Test (Server Side Caching)

This webpage is using a caching mechanism. [Caching](#) helps speed page loading times as well as reduces server load.

### ✓ Flash Test

This webpage does not include flash objects (an outdated technology that was sometimes used to deliver rich multimedia content). Flash content does not work well on mobile devices, and is difficult for crawlers to interpret.



## ! CDN Usage Test

This webpage is not serving all resources (images, javascript and css) from CDNs!

### How to pass this test?

In order to pass this test you are advised to use a CDN service. A Content Delivery Network (CDN) is a globally distributed network of web servers that allows a quick transfer of assets and provides high availability and high performance. The primary benefits of using a CDN service are:

- Improving website loading times
- Reducing bandwidth costs
- Increasing content availability and redundancy
- Improving website security

## ✘ Modern Image Format Test

This webpage is not serving images in a modern format! Image formats like [JPEG 2000](#), [JPEG XR](#), and [WebP](#) often provide better compression than PNG or JPEG, which means faster downloads and less data consumption.

### How to pass this test?

In order to pass this test, convert all the images listed in this report into a modern image format such as [JPEG 2000](#), [JPEG XR](#) or [WebP](#).

It's important to understand that the modern image formats, like WebP, are not yet widely supported across all devices and browsers. You can find [here](#) a full list of supported browsers and devices for the WebP format.

If your target audience falls within one of the unsupported browser/device categories, you should serve optimized fall-back images in the original JPEG/PNG format so that your users don't see a broken or badly designed page:

```
<!--Before:-->


<!--After:-->
<picture>
  <source type="image/webp" srcset="image.webp">
  
</picture>
```

The browser uses the first listed source that's in a format it supports. If the browser does not support any of the formats listed in the "source" tags, it falls back to loading the image specified by the "img" tag.

## ✓ Image Metadata Test

This webpage is not using images with large metadata.



## ✔ Image Caching Test

This website is using cache headers for images and the browsers will display these images from the cache.

## ✔ JavaScript Caching Test

This webpage is using cache headers for all JavaScript resources.

## ✔ CSS Caching Test

This webpage is using cache headers for all CSS resources.

## ✘ JavaScript Minification Test

This webpage is using JavaScript files that are not minified!

### How to pass this test?

In order to pass this test you must minify all JavaScript files. For this task you can use an online JS minifier like [JSCompress](#), [Closure Compiler](#) or [JSMIn](#).

## ✔ CSS Minification Test

All CSS resources used by this webpage are minified.

## ✘ Render Blocking Resources Test

This webpage is using render blocking resources! Eliminating render-blocking resources can help this webpage to load significantly faster and will improve the website experience for your visitors.

### How to pass this test?

In order to pass this test, you have to reduce the impact of render-blocking resources.

First, you have to identify what's critical and what's not. You can use the [Chrome DevTools \(Coverage tab\)](#) to identify non-critical CSS and JS.

Once you've identified critical code, you can try the below methods to eliminate render-blocking resources:

- inline critical JS within a script tag in your HTML document
- inline critical CSS required for the first paint inside a style block in the head of the HTML document
- move the script and link tags at the end of the HTML document
- add async or defer attributes to non-critical script or link tags
- split CSS styles into different files, organized by media query
- compress and minify your text-based resources



## ✓ Nested Tables Test

This webpage is not using nested tables. This speeds up page loading time and optimizes the user experience.

## ✓ Frameset Test

This webpage does not use frames.

## ✓ Doctype Test

This webpage has a doctype declaration.

```
<!DOCTYPE html>
```

## ✓ URL Redirects Test

This URL doesn't have any redirects (which could potentially cause site indexation issues and site loading delays).

## ! Largest Contentful Paint Test

The Largest Contentful Paint duration of this webpage is 3.74 seconds. To provide a good user experience, [Google recommends](#) that sites should strive to have Largest Contentful Paint of 2.5 seconds or less.

### Largest Contentful Paint element within the viewport:

**Text:** *Accelerating structure-based drug discovery with cryo-EM services and software ...*

**Html:** `<div class="sp-slide sp-slide-0 sp-slide-type-Image sp-select..." data-transition="fade" data-duration="1" style="background-image: url("https://hti.ai/wp-content/u..." data-lazy-done="1">`

### How to pass this test?

The reason Google chose LCP as a relevant SEO metric is that it directly influences user experience. The loading of the biggest element on a page determines how quickly the user will be able to view its contents and interact with it. For most websites, you can improve the Largest Contentful Paint by sticking to a few guiding principles:

- Try to reduce the server response time.
- Eliminate as many render-blocking resources (CSS and JavaScript) as possible.
- Optimize the loading times for resources on the webpage.



## ✓ Cumulative Layout Shift Test

The CLS score of this webpage is **0.0245**. To provide a good user experience, [Google recommends](#) that sites should strive to have a CLS score of **0.1** or less.

**DOM element which contributes the most to CLS score:**

**Text:** Accelerating structure-based drug discovery with cryo-EM services and software ...

**Html:** `<div id="body" class="tf_box tf_clear tf_mw tf_clearfix">`

**Score:** 0.0129

## Server and security

2 Failed

0 Warnings

8 Passed

## ✓ URL Canonicalization Test

<https://hti.ai/> and <https://www.hti.ai/> resolve to the same URL.



## ✔ SSL Checker and HTTPS Test

This website is successfully using HTTPS, a secure communication protocol over the Internet.

- ✔ The certificate is not used before the activation date.
- ✔ The certificate has not expired.
- ✔ The hostname "hti.ai" is correctly listed in the certificate.
- ✔ The certificate should be trusted by all major web browsers.
- ✔ The certificate was not revoked.
- ✔ The certificate was signed with a secure hash.

### Certificate Chain:

Server certificate	
Common Name	*.hti.ai
Subject Alternative Names (SANs)	*.hti.ai, hti.ai
Not Valid Before	Sun, January 21st 2024, 1:56:14 pm (UTC)
Not Valid After	Sat, April 20th 2024, 1:56:13 pm (UTC)
Signature Algorithm	sha256WithRsaEncryption
Issuer	R3
Intermediate certificate	
Common Name	R3
Organization	Let's Encrypt
Location	US
Not Valid Before	Fri, September 4th 2020, 12:00:00 am (UTC)
Not Valid After	Mon, September 15th 2025, 4:00:00 pm (UTC)
Signature Algorithm	sha256WithRsaEncryption
Issuer	ISRG Root X1
Root certificate	
Common Name	ISRG Root X1
Organization	Internet Security Research Group





Location	US
Not Valid Before	Thu, June 4th 2015, 11:04:38 am (UTC)
Not Valid After	Mon, June 4th 2035, 11:04:38 am (UTC)
Signature Algorithm	sha256WithRsaEncryption
Issuer	ISRG Root X1

## ✓ Mixed Content Test (HTTP over HTTPS)

This webpage does not use mixed content - both the initial HTML and all other resources are loaded over HTTPS.

## ✓ HTTP2 Test

This webpage is using the HTTP/2 protocol.

## ✓ Safe Browsing Test

This website is not currently listed as suspicious (no malware or phishing activity found).

## ✗ Server Signature Test

The server signature is on for this webpage! Turning off the server signature is generally a good idea from a security standpoint. Read more on how to [turn off server signature](#) and [improve the website's security](#).

```
Server: nginx/1.23.4
```

### How to pass this test?

By default, the Apache webserver sends HTTP headers with some information about your server version, operating system, modules installed, etc. This information can be used by hackers in order to exploit vulnerabilities (specially if you are running an older version). These information can be hidden or changed with very basic configurations.

Open Apache's configuration file (**httpd.conf** or **apache.conf**) and search for **ServerSignature**. If you find it, edit it to:

```
ServerSignature Off  
ServerTokens Prod
```

If you don't find it, just add these two lines at the end of the file.

Note that, after you modify the configuration file, you must restart the Apache server.



## ✔ Directory Browsing Test

Directory browsing is disabled for this website.

## ✔ Plaintext Emails Test

This webpage does not include email addresses in plaintext.

## ✔ Unsafe Cross-Origin Links Test

This webpage is not using `target="_blank"` links without `rel="noopener"` or `rel="noreferrer"` attribute.

## Mobile usability

0 Failed

0 Warnings

3 Passed

## ✔ Meta Viewport Test

This webpage is using a viewport meta tag.

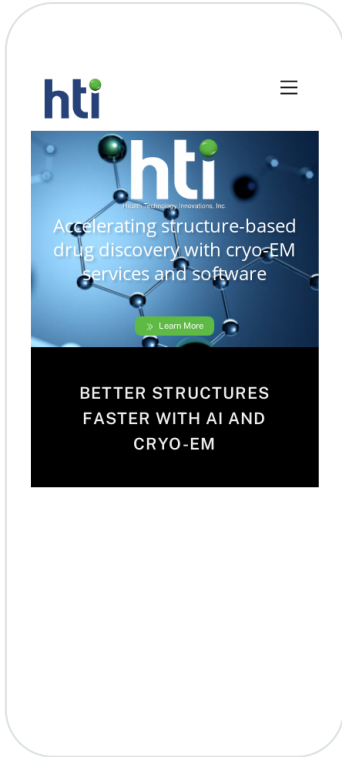
```
<meta name="viewport" content="width=device-width, initial-scale=1, minimum-scale=1" />
```

## ✔ Media Query Responsive Test

This webpage is using CSS media queries, which is the base for responsive design functionalities.



## Mobile Snapshot Test



## Advanced SEO

0 Failed

2 Warnings

8 Passed

### ✔ Structured Data Test

This webpage is using structured data.

### ✔ Custom 404 Error Page Test

This website is using a custom 404 error page. We recommend to have a custom 404 error page in order to improve the website's user experience by letting users know that only a specific page is missing/broken (and not the entire site), providing them helpful links, the opportunity to report bugs, and potentially [track the source of broken links](#).

### ✔ Noindex Tag Test

This webpage does not use the noindex meta tag. This means that it can be indexed by search engines.



## ✓ Canonical Tag Test

This webpage is using the canonical link tag. This tag specifies that the URL: <https://hti.ai/> is preferred to be used in search results. Please ensure that this specification is correct, as canonical tags are often hard-coded and may not always reflect the latest changes in a site's URL structure.

```
<link href="https://hti.ai/" rel="canonical"/>
```

## ⊙ Nofollow Tag Test

This webpage does not use the nofollow meta tag. This means that search engines will crawl all links from this webpage.

## ⊙ Disallow Directive Test

Your robots.txt file includes a disallow command which instructs search engines to avoid certain parts of your website! You are advised to confirm if access to these resources or pages are intended to be blocked (e.g., if they contain internal-only content or sensitive information).

## ✓ Meta Refresh Test

This webpage is not using a meta refresh tag.

## ✓ SPF Records Test

This DNS server is using an SPF record.

```
v=spf1 a mx include:websitewelcome.com ~all
```

## ⚠ Ads.txt Validation Test

This website doesn't use an ads.txt file! Ads.txt is a text file that contains a list of Authorized Digital Sellers. The purpose of ads.txt files is to give advertisers and advertising networks the ability to verify who is allowed to sell advertising on your website.