



Pill Identity Information, Inc.
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PILL ID API DOCUMENTATION VERSION 1.03

OVERVIEW

Pill Identity Information, Inc. gives your application direct access to the PillID.Com web based, solid dosage form identification service, which stores what might be the most extensive, up-to-date database found anywhere. Utilizing our patented look up routines, we provide a definitive identification (ID) that include logos when others cannot.

Our API is currently available in two different formats , XML and JSON.

SAMPLE CODE FOR IMPLEMENTATION:

API Implementation includes following three steps:

STEP 1: "Get Logo Last" Information

Resource URLs

http://www.pillid.com/apis/get_info_xml/app_key:APP_KEY/parameters:PARAMETERS

Resource Information

Rate Limit : **Yes**

Authentication : **Yes**

Response Format : **XML**

HTTP Methods : **GET**

Parameters

app_key alphanumeric (The application's API key.)

Type : string(45)

Parameters

mandatory	Example Values: app_key:DAZMzC61418kev54x0B38j2fL
search_code	The alphanumeric representation of the pill imprints.
mandatory	Type : string(45) Example Values: search_code:E 10

Example Request

http://www.pillid.com/apis/get_info_xml/app_key:DAZMzC61418kev54x0B38j2fL/search_code:E 10

```

01. <DrufInfo>
02.   <ID>1003</ID>
03.   <Imprint>E 10</Imprint>
04.   <Logo>
05.     http://108.168.203.226:8135/img/logo/E0N.gif
06.   </Logo>
07.   <Description>
08.     CAPITAL E LEANING TO THE RIGHT
09.   </Description>
10.   <Company>EON LABS MANUFACTURING INC </Company >
11. </DrufInfo>

```

Code Sample**HTML Code**

```

<form action='step1.php' method='POST'>
  <input autocomplete="off" id="inputString"
    type="text" name="queryString" />
  <input type="submit" value="Search"/>
</form>

```

PHP CODE (step1.php)

```

if (isset($_POST['queryString'])){
    $app_key = 'DAZMzC61418kev54x0B38j2fL';
    $search_code = $_POST['queryString'];

    $request_url = 'www.pillid.com/apis/get_info_xml/app_key:'.
    $app_key.'/search_code:'.urlencode($search_code);
    //CALL HTTP_REQUEST USING CURL
    $ch = curl_init();
    curl_setopt($ch, CURLOPT_URL, $request_url);
    curl_setopt($ch, CURLOPT_CONNECTTIMEOUT, 10);
    curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);
    $response = curl_exec($ch);
    curl_close($ch);
    //Decode the XML Objects to PHP array
    $decode_response =
    json_decode(json_encode((array)simplexml_load_string($response)),1
    );

    if(!empty($decode_response)){
        foreach($decode_result['DrugInfo'] as $data) {
            echo '<p id="searchresults">';
            echo '<a href="step2.php?id?"'. $data['ID'].'">'; // On
clicking pill we call our step 2 php file
            if($data['Logo']!='') {
                $img_src = $data['Logo'];
                echo '';
                echo '<span class="searchheading">'.
$data['Imprint']. '</span>';
                echo '<span class="searchheading">
                <label>Description: </label>'.
$data['Description']. '</span>';
                echo '<span class="searchheading
pad_top_btm_span"><label class="src_inline_clr">Company:
</label>'. $data['Company']. '</span></a>';

```

```

        }else {
            echo '<span class="no_logo_span">'.
$data['Imprint'].'</span>';
            echo '<span class="no_logo_span
pad_top_btm_span"><label>Company: </label>'.
$data['Company'].'</span></a>';
        }
        echo '</p>';
    }
    }else {
        //Handle Error
    }
}

```

In the above code if you print \$response variable, it outputs as below:

```

<DrufInfo>
  <ID>1003</ID>
  <Imprint>E 10</Imprint>
  <Logo>
    http://www.pillid.com/img/logo/EON.gif
  </Logo>
  <Description>
    CAPITAL E LEANING TO THE RIGHT
  </Description>
  <Company>EON LABS MANUFACTURING INC </Company >
</DrufInfo>

```

STEP 2: Get Drug Confirmation

Resource URLs

http://www.pillid.com/apis/get_confirm_xml/app_key:APP_KEY/parameters:PARAMETERS

Resource Information

Rate Limit : **Yes**

Authentication : **Yes**

Response Format : **XML**

HTTP Methods : **GET**

Parameters

app_key	alphanumeric (The application's API key.)
mandatory	Type : string(45) Example Values: app_key:DAZMzC61418kev54x0B38j2fL
id	Unique Id of pill.
mandatory	Type : string(45) Example Values: id:1003

Example Request

http://www.pillid.com/apis/get_confirm_xml/app_key:DAZMzC61418kev54x0B38j2fL/id:1003

```
01. <DrugConfirm>
02.   <ID>1003</ID>
03.   <Description>
04.     WHITE ROUND AND SCORED TABLET MARKETED BY
05.     EON LABS MANUFACTURING INC
06.   </Description>
07. </DrugConfirm>
```

Code Sample**HTML Code**

```

<script type="text/javascript">
$(document).ready(function(){
    $('.get_drug_id').click( function(){
        var url = "step3.php"+$(this).val();
        location.replace(url);
    });
});
</script>
<select class="get_drug_id" size="5">
    <?php foreach($decode_result as $pill) { ?>
        <option value="<?php echo $pill->ID;?>"><?php echo $pill-
>Description;?></option>    //Access XML Objects in HTML
    <?php }?>
</select>
// Show alert message if multiple pill found of same imprints.
<?php if(count($decode_result)>1){?>
    <span class="clr_red">Same imprint - same drug product; this drug
product is distributed by more than one drug company.</span>
    <?php }?>

```

In the above code on selecting any pill, we pass the ID as argument to the step3.php

PHP CODE (step2.php)

```

if (isset($_GET['id']) && $_GET['id']!='')
{
    $app_key = 'DAZMzC61418kev54x0B38j2fL';

```

```

$search_code = $_POST['queryString'];

$request_url = 'www.pillid.com/apis/get_confirm_xml/app_key:'.
$app_key.'/id:'.urlencode($_GET['id']);
//CALL HTTP_REQUEST USING CURL
$ch = curl_init();
curl_setopt($ch, CURLOPT_URL, $request_url);
curl_setopt($ch, CURLOPT_CONNECTTIMEOUT, 10);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);
$response = curl_exec($ch);
curl_close($ch);
//Decode the XML Objects to PHP array
$get_array = array();
$i =0;
foreach($response -> children() as $name => $xmlchild) {
    $get_array[$i]= $xmlchild;
    $i++;
}

$decode_response = json_decode(json_encode($get_array),1);
if(!empty($decode_response)){
//Do Something
}else {
//Handle Error
}
}

```

In the above code if you print \$response variable, it outputs as below:

```

<DrugConfirm>
  <ID>1003</ID>
  <Description>

```

```
WHITE ROUND AND SCORED TABLET MARKETED BY  
EON LABS MANUFACTURING INC  
</Description>  
</DrugConfirm>
```

STEP 3: Get Drug Detail

Resource URLs

http://www.pillid.com/apis/get_result_xml/app_key:APP_KEY/parameters:PARAMETERS

Resource Information

Rate Limit : **Yes**

Authentication : **Yes**

Response Format : **XML**

HTTP Methods : **GET**

Parameters

app_key	alphanumeric (The application's API key.)
mandatory	Type : string(45) Example Values: app_key:DAZMzC61418kev54x0B38j2fL
id	Unique Id of pill.
mandatory	Type : string(45) Example Values: id:1003

Example Request

http://www.pillid.com/apis/get_result_xml/app_key:DAZMzC61418kev54x0B38j2fL/id:1003


```

01. <DrugDetail>
02.   <Type>TABLET</Type>
03.   <NDC>001850010XX</NDC>
04.   <Logo>
05.     http://www.pillid.com/img/logo/EON.gif
06.   </Logo>
07.   <Looks>
08.     http://www.pillid.com/img/logo/RNDSCRD.gif
09.   </Looks>
10.   <Appearance>
11.     WHITE ROUND AND SCORED TABLET
12.   </Appearance>
13.   <Imprint>E 10</Imprint>
14.   <GenericName>LABETALOL HCL 100MG</GenericName>
15.   <MarketedBy>EON LABS MANUFACTURING INC</MarketedBy>
16.   <Trademark>APRESOLINE</Trademark>
17.   <EquivalentTrademark>GLAXO WELLCOME INC</EquivalentTrademark>
18.   <LegalStatus>
19.     A PRESCRIPTION DRUG, BUT NOT A CONTROLLED SUBSTANCE.
20.   </LegalStatus>
21.   <CommonlyUsed>
22.     1) TO LOWER BLOOD PRESSURE.
23.     2) AND IS A BETA BLOCKER.
24.   </CommonlyUsed>
25.   <CommonlyTaken>ORALLY</CommonlyTaken>
26. </DrugDetail>

```

Code Sample

PHP CODE (step3.php)

```

if (isset($_GET['id']) && $_GET['id']!='')
{
    $app_key = 'DAZMzC61418kev54x0B38j2fL';
    $search_code = $_POST['queryString'];

    $request_url = 'www.pillid.com/apis/get_result_xml/app_key:'.
    $app_key.'/id:'.urlencode($_GET['id']);
    //CALL HTTP_REQUEST USING CURL
    $ch = curl_init();

```

```

curl_setopt($ch, CURLOPT_URL, $request_url);
curl_setopt($ch, CURLOPT_CONNECTTIMEOUT, 10);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);
$response = curl_exec($ch);
curl_close($ch);
//Decode the XML Objects to PHP array
$decode_response =
json_decode(json_encode((array)simplexml_load_string($response)),1
);

if(!empty($decode_response)){
//Do Something
}else {
//Handle Error
}
}

```

In the above code if you print \$response variable, it outputs as below:

```

<DrugDetail>
  <Type>TABLET</Type>
  <NDC>001850010XX</NDC>
  <Logo>
    http://www.pillid.com/img/logo/EON.gif
  </Logo>
  <Looks>
    http://www.pillid.com/img/logo/RNDSCRD.gif
  </Looks>
  <Appearance>
    WHITE ROUND AND SCORED TABLET
  </Appearance>
  <Imprint>E 10</Imprint>
  <GenericName>LABETALOL HCL 100MG</GenericName>
  <MarketedBy>EON LABS MANUFACTURING INC</MarketedBy>
  <Trademark>APRESOLINE</Trademark>
  <EquivalentTrademark>GLAXO WELLCOME INC</EquivalentTrademark>
  <LegalStatus>
    A PRESCRIPTION DRUG, BUT NOT A CONTROLLED SUBSTANCE.
  </LegalStatus>

```

```
</LegalStatus>
<CommonlyUsed>
  1) TO LOWER BLOOD PRESSURE.
  2) AND IS A BETA BLOCKER.
</CommonlyUsed>
<CommonlyTaken>ORALLY</CommonlyTaken>
</DrugDetail>
```