



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](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	<b>Example Values:</b> app_key:DAZMzC61418kev54x0B38j2fL
search_code	The alphanumeric representation of the pill imprints.
mandatory	<b>Type :</b> string(45) <b>Example Values:</b> 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>';
    }
}
//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](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	<b>Type :</b> string(45) <b>Example Values:</b> app_key:DAZMzC61418kev54x0B38j2fL
id	Unique Id of pill.
mandatory	<b>Type :</b> string(45) <b>Example Values:</b> id:1003

### Example Request

**[http://www.pillid.com/apis/get\\_confirm\\_xml/app\\_key:DAZMzC61418kev54x0B38j2fL/id:1003](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](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	<b>Type :</b> string(45) <b>Example Values:</b> app_key:DAZMzC61418kev54x0B38j2fL
id	Unique Id of pill.
mandatory	<b>Type :</b> string(45) <b>Example Values:</b> id:1003

### **Example Request**

**[http://www.pillid.com/apis/get\\_result\\_xml/app\\_key:DAZMzC61418kev54x0B38j2fL/id:1003](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>
```