



# K32

# H-PLR™

**For Healthy Immune Support with Bacterial and Intestinal Infections**

## **BENEFITS OF PRODUCT**

- Provides support for healthy immune response during bacterial infections.
- Provides support for healthy immune response during intestinal infections.

## **USE OF PRODUCT**

This product contains herbal extracts that have been shown to support the immune system during minor bacterial, fungal, and parasitic infections. It also works to create a healthy terrain.

## **OTHER PRODUCTS TO CONSIDER**

Other formulas can be used in conjunction with H-PLR™ to support the immune system. X-Viomin™ (K31) provides nutrients and herbs that have shown potential anti-viral activity and immune-enhancing qualities. Adaptocrine® (K02) contains adaptogens that have immune-modulatory and stress-quenching properties. OxiCell® (K22) is a liposomal delivery form of glutathione and SOD that may provide immune-modulation activity.

## **KEY INGREDIENTS RESEARCH COMMENTARY**

### **BERBERINE-CONTAINING BOTANICALS**

(BERBERIS VULGARIS, BERBERIS AQUIFOLIUM, BERBERIS ARISTATA, HYDRASTIS CANADENSIS, COPTIS CHINENSIS)

Plants with high berberis alkaloids have been used in both Chinese and Ayurvedic medicine for centuries. These plants appear to demonstrate significant antimicrobial activity against a variety of bacteria,<sup>1 2 3 4</sup> fungi,<sup>5 6</sup> protozoans,<sup>7 8 9</sup> helminthes,<sup>10</sup> chlamydia,<sup>11 12</sup> and viruses.<sup>13</sup> Berberine has demonstrated the ability to inhibit the growth of Giardia lamblia, Trichomonas, and Entamoeba histolytica.<sup>14</sup> These plants have also demonstrated anti-inflammatory properties, such as the inhibition of arachidonic acid-induced thromboxane A3 release and the ability to activate macrophages.<sup>15 16</sup>

### **YERBA MANSA**

Yerba mansa is not related to the berberine-containing plants chemically or botanically, but it is used to treat similar conditions. The active compound in Yerba mansa is methyleugenol, an antispasmodic. It is similar in chemical structure to the compounds found in nutmeg, which are used to treat irritable stomach.<sup>17</sup> It also appears to have anti-inflammatory effects and is used to treat inflammation of the mucous membranes.<sup>18</sup> This plant has also been shown to have anti-fungal properties.<sup>19</sup>

## **Supplement Facts**

Serving size 1 vegetarian capsule

Servings per container 90

Amount Per Serving	% Daily Value
<b>Proprietary Blend:</b> 700 mg	
Golden Seal root extract	*
Oregano Oil extract	*
Barberry extract	*
Oregon Grape root extract	*
Berberis Aristata extract	*
Coptis Chinensis extract	*
Yerba Mansa extract	*

\*Daily Value not established

**Other ingredients:** vegetable cellulose (vegetarian capsule), silicon dioxide.

## **DIRECTIONS**

Take 1-2 capsules, 3 times a day, or as directed by your healthcare professional.

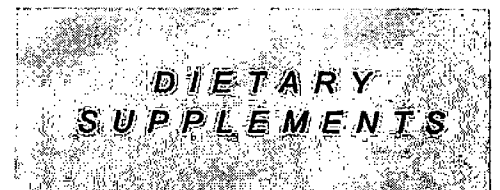
### **OREGANO EXTRACT**

Oregano extract has been used for the management of gastrointestinal-related infections in natural medicine for hundreds of years. It appears to have properties that inhibit enteric parasites, as well as immunostimulatory effects on lymphocyte production.<sup>20 21 22</sup>

*Statements in this flyer have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.*

# Formula Info Page

PRF1PKLBK03(1108)



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