The neuroendocrine system has long been thought to play an important role in the causal pathway linking stress and ill health.

New approaches are needed for investigating steroids responses to daily events. Stressful daily events were associated with increased cortisol secretion.

Repeated measurement of steroids not only increases reliability but provides a clearer picture of the temporal relationship between stressful events and neuroendocrine responses. This is especially important if the events of interest occur unpredictably and therefore cannot be directly monitored by the researcher.

The HPA axis activity can be specifically monitored by measuring cortisol, testosterone and DHEA-S in saliva, thus allowing the stressful event of venipuncture to be avoided.

An abnormal steroid secretion can be involved in the pathophysiology of major depressive disorder (MDD), in the adaptation of people to shift work in some work environments and in the Jet lag-effects due to overseas travel.

Reference:
Saliva Kits

- Non invasive tests
- The most complete range of analytes
- One step procedure
- Calibration curve and Specific Reference Controls (three levels)
- Standardized sample collection

**Recommended for:**

- Stress assessment
- Occupational medicine
- Sports medicine
- Veterinary applications

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**Immunoenzymatic determinations (ELISA) in saliva.**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>DKO020</td>
<td>Cortisol saliva</td>
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<tr>
<td>DKO021</td>
<td>Testosterone saliva</td>
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<td>DKO022</td>
<td>Estradiol saliva</td>
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<td>17 OH-Progesterone saliva</td>
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<td>DKO024</td>
<td>DHEA-S saliva</td>
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<td>Estriol saliva</td>
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<td>Androstenedione saliva</td>
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<td>DKO063</td>
<td>Saliva collection devices</td>
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<td>DKO067</td>
<td>Saliva controls (3 levels)</td>
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<td>DKO075</td>
<td>Amylase</td>
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<td>DKO078</td>
<td>IgA saliva</td>
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**Please visit our Web site at the address:**

[www.diametra.com](http://www.diametra.com)

**to find information about our kits for plasmatic tests**

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