

Diethylstilbestrol(p-OH), HRP conjugate

DAG1090

Lot. No. (See product label)

PRODUCT INFORMATION

Product overview	Diethylstilbestrol(p-OH), HRP conjugate
Antigen Description	Diethylstilbestrol is a synthetic nonsteroidal estrogen. Human exposure to DES occurs through diverse sources, such as dietary ingestion from supplemented cattle feed and medical treatment for certain conditions, including breast and prostate cancers. From about 1940 to 1970, DES was given to pregnant women under the mistaken belief it would reduce the risk of pregnancy complications and losses however in 1971, DES was shown to cause a rare vaginal tumor in girls and young women who had been exposed to this drug in-utero.
Source	Stilbenes
Conjugate	HRP
Form	concentrate
Characteristic	Each conjugate comprises antigen covalently bound to horseradish peroxidase and is suitable as a tracer in immunoassay development

PACKAGING

Storage	Can be stored at 2-8°C for up to 3 months and at -20°C for longer term storage.
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BACKGROUND

Introduction	Diethylstilbestrol (DES, former BAN stilboestrol) is a synthetic nonsteroidal estrogen that was first synthesized in 1938. It is also classified as an endocrine disruptor. Human exposure to DES occurred through diverse sources, such as dietary ingestion from supplemented cattle feed and medical treatment for certain conditions, including breast and prostate cancers. From about 1940 to 1970, DES was given to pregnant women in the mistaken belief it would reduce the risk of pregnancy complications and losses. In 1971, DES was shown to cause a rare vaginal tumor in girls and women who had been exposed to this drug in utero.
Keywords	Diethylstilbestrol; DES; stilboestrol; 4,4'-(3E)-hex-3-ene-3,4-diylidiphenol; Diethylstilbestrol, mixture of cis and trans

REFERENCES

1. Dodds EC, Goldberg L, Lawson W, Robinson R (1938). "Estrogenic activity of certain synthetic compounds". Nature 141 (3562): 247–8. DOI:10.1038/141247b0.
2. Seaman B (2003). The greatest experiment ever performed on women: Exploding the estrogen myth. New York: Hyperion. ISBN 978-0-7868-6853-7.