

Anticancer activity of carica papaya extracts in and

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What is the antibacterial activity of Carica papaya leaf extract? Ethanol crude extract of Carica papaya leaf showed the highest zone of inhibition 13.2 ± 2.3 (mm) against *P. aeruginosa* and 12.6 ± 1.5 (mm) against *K. pneumonia* which was better antibacterial activity than acetone crude extract (10.9mm) against *K. pneumonia* and (10.0mm) against *P.*

What is Carica papaya extract used for? The extracts from unripe fruit, leaves, seeds, and roots have antimicrobial properties and have been traditionally used to cure several ailments related to digestive and urinary complaints.

What enzymes are in papaya for cancer? The papaya seed and pulp contain benzyl glucosinolate, which is broken down by the enzyme myrosinase to create benzyl isothiocyanate, which has anticancer effects. It has been demonstrated to stop the expansion of specific cancer cell lines [6].

What is the anticancer activity of Ficus Carica? In the evaluation of biological activity, it was revealed that *Ficus carica* L. methanol extracts increased cytotoxicity and iROS levels with increasing doses on gastric cancer cell line AGS. In a study by Khodarahmi et al³⁴, the cytotoxic effects of ethanolic fruit and leaf extracts on the HeLa cell line were examined.

Which disease is cured by papaya leaf? Papaya leaves are commonly taken in extract, tea or juice form and have been found to treat symptoms associated with dengue fever. Other common uses include: reducing inflammation, improving blood sugar control, supporting skin and hair health, and preventing cancer.

What are the side effects of Carica papaya leaf extract? Side effects associated with Carica papaya leaf extract can range from common and mild, including gastrointestinal discomfort, such as stomach upset or diarrhea, and mild skin irritation, to rare but serious reactions like severe allergies in individuals with known sensitivities to papaya or latex.

Who should not take papaya leaf extract? That said, if you're allergic to papaya, you should not consume papaya leaves in any form. Moreover, if you are pregnant or breastfeeding, you should consult your healthcare provider prior to consuming any papaya leaf preparations.

What not to eat with papaya? Avoid pairing papaya with dairy, high-protein, fermented, fat, spicy foods, or citrus fruits to prevent digestive discomfort and potential health issues. Enjoy papaya separately to fully benefit from its nutrients and avoid adverse reactions.

What happens if we drink papaya leaf juice daily? Thus, drinking papaya leaf juice helps the body to control and regulate blood sugar more closely, reducing the risk of diabetes, obesity, hypertension, kidney damage and cardiovascular disease. .

What is the enzyme that kills cancer cells? Published in the journal Nature, a new paper by Dohoon Kim, PhD, and colleagues shows that blocking the detoxifying enzyme UDP-glucuronic acid decarboxylase 1 (UXS1) in lung cancer cells leads to cell death, making it a viable target for drug development.

Who shouldn't take papaya enzymes? There are some people who should avoid papaya enzymes altogether given its health risks. This includes people with latex allergies, those who take diabetes or blood-thinning medications, or those who are pregnant or nursing.

Is papaya source material for anticancer? Isothiocyanate, a chemical present in papaya seeds, has been proven to have anticancer characteristics, preventing tumor formation in the colon, lung, leukemia, breast, and prostate [[8], [9], [10]].

What plant has anticancer activity? One family species is Citrullus colocynthis (L.), which has a high concentration of many active secondary chemical metabolites. Various C. colocynthis plant extracts showed cytotoxicity against some cancer cells.

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Which of the following herb have anticancer properties? Ginger: This herb shows anti-inflammatory and anti-cancer effects in lab studies.

Which plant has a medicinal value because it has anticancer properties? Probably the most well-known plant-derived anti-cancer drug is Paclitaxel (Taxol®). The cytotoxic activity of this taxane dipertene found in extracts from the bark of *Taxus brevifolia* Nutt.

How much papaya leaf extract should I take? Papaya leaf extract could be given at any stage of the disease. But for best results it should be given from the first day of fever. 5. Papaya leaf extracts could be taken as syrup; 30ml three times a day before meals for an adult and 5-10ml three times a day for a child until you have fully recovered from the illness.

What sickness does papaya cure? Papaya is used for preventing and treating gastrointestinal tract disorders, intestinal parasite infections, and as a sedative and diuretic. It is also used for nerve pains (neuralgia) and elephantoid growths.

What does papaya extract do to the skin? The papain found in papaya is attributed with soothing skin irritations and its anti-inflammatory properties make it an ideal ingredient for acne and blemish-prone skin. Its natural and effective exfoliating properties brighten the skin by removing dead skin cells and flaky patches on the top layer of your skin.

What are the disadvantages of papaya leaf extract? Papaya leaf extract is possibly safe when taken as medicine for up to 5 days. Side effects might include nausea and vomiting. The unripe papaya fruit is possibly unsafe.

What disease does Carica papaya leaf cure? Papaya leaf extract has been used to treat various illnesses, such as dengue (a viral disease), fever, asthma, colic, beriberi, and jaundice [1]. In traditional medicine, *C. papaya* has been used as a therapeutic agent due to its wound healing, anti-cancer, hypolipidemic and hypoglycemic properties.

Is papaya leaf extract safe for the liver? papaya leaf consumption in adults is generally safe for short-term use though cautioned in pregnancy and people with liver impairment. It has potential herb-drug interactions with oral hypoglycaemic

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agents, p-glycoprotein substrates, and antibiotics with cation chelating properties. ...
Sobia et al.

What is the antibacterial activity of papain? Papain contains bactericidal, bacteriostatic, and anti-inflammatory properties. Bromelain is another proteolytic enzyme that belongs to a group of protein-digesting enzymes obtained commercially from the fruit or stem of pineapple (6).

Does papaya have antibacterial properties? All Crude extracts from the different plant parts showed antibacterial activity. Accordingly, Carica papaya Seed with Ethanol extract exhibited the highest antibacterial activity 14.3 ± 1.2 (mm) against P.

What are the antibacterial activities of Carica papaya seed against enteric organisms? papaya has antimicrobial activity against Bacillus subtilis, E. coli, Klebsiella pneumoniae, Pseudomonas aeruginosa, and Staphylococcus aureus.

What is the antimicrobial activity of Ficus carica? Ficus carica leaves show high antimicrobial activity of the methanolic extract against oral bacteria. The combined effects of MeOH extract with ampicillin or gentamicin are synergistic against oral bacteria (Jeong et al., 2009).

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